

Appendix F - Past Performance – Progress Reports

Grant Progress Report

Progress Report # 31
Reporting Period: January 1, 2012 to March 31, 2012
Submittal Date April 20, 2012

Grant Agreement No: 07-503-550-2

Project Name: Yucaipa Valley Regional Water Supply Renewal Project

Contractor Name: Santa Ana Watershed Project Authority

I certify under penalty of law that this document and any attachment was prepared by me or under my direction in accordance with the terms and conditions of each Grant Agreement Exhibit. Based on my inquiry of the persons or persons who manage the project, or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. All information submitted in this document and all attachments conform to and is in accordance with the state and federal laws and I so here certify with my signature. I am aware that there are significant penalties for submitting false or misleading information.

Project Director: Celeste Cantú
 Printed Name


 Signature

Summary of Work Completed To Date

Work Item	Items for Review #	Due Date	% Of Work Complete	Date Submitted
EXHIBIT A	1.1 GPS Information	12/10/08	100%	09/30/09
	1.2 PAEP <ul style="list-style-type: none"> 2010 Updated PAEP 	04/04/08 12/10	100%	04/03/08 03/11
	1.2 Assessment of PAEP Status (first report in 2008)	12/15/11 Annually by 12/15		
	1.6 CEQA/NEPA Documentation <ul style="list-style-type: none"> Brineline SCRAM WISE 	Completed Completed Completed	100% 100% 100%	05/09 08/10 04/10
	1.7 Landowner Agreements, if applicable	04/11	100%	09/11
	1.9 Applicable Permits <ul style="list-style-type: none"> Phase I Phase II Phase III 	4/11 09/09 09/09 4/11	100% 100% 100% 100%	11/09 11/09 09/11
	2.7.1 Preliminary Design Report	6/30/08	100%	07/08
	2.7.2 Final Plans for Pipeline <ul style="list-style-type: none"> Phase I Phase II Phase III 	08/09 08/09 09/10	100% 100% 100%	08/09 08/09 03/11
	2.7.3 Final Plans for SCRAM	6/11	0%	
	2.7.4 Final Plans for WISE	12/11	100%	
	2.7.5 Pre-, Current, and Post Photo Documentation	7/13		
	2.7.9 As-built Drawings	08/13		
	2.7.10.3 SARI Capacity Purchase Report	03/12	75%	
EXHIBIT B	6.2 Grant Summary Form	04/04/08	100%	04/03/08
	6.3 NRPI	Before final component invoice		
	6.4 Draft Component Report	October 2013		

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Work Item	Items for Review #	Due Date	% Of Work Complete	Date Submitted
	6.5 Final Component Report	Critical Due Date December 2013		

List of Items Submitted for Review

- 1.1 GPS Information (sent by email September 30, 2009)
- 1.2 PAEP (sent by email April 3, 2008, March 18, 2011 and February 29, 2012)
- 1.7 Landowner Agreements (sent by email September 20, 2011)
- 1.9 Applicable Permits (sent by email September 20, 2011)
- 1.9 Final Plans for Phase III (sent by email March 2, 2011)
- 2.7.1 Preliminary Design Report (July 2008)
- 6.2 Grant Summary Form (sent by email April 3, 2008)

Progress Report Narrative

Introduction

The proposed brineline includes the extension of the existing Santa Ana Regional Interceptor (SARI) pipeline from the City of San Bernardino Wastewater Treatment Plant to the Wochholz WRF to collect waste brine and excess non-potable flow and convey them directly to the ocean for disposal. Ultimately, the goal of this project is to remove the brine primarily made up of total dissolved solids and nitrates from the Yucaipa Groundwater Basin and prevent poor-quality groundwater from moving downgradient and contaminating the Santa Ana groundwater basin. The Yucaipa Valley Water District (District) intends to implement the proposed brineline project in the following three phases:

- ✓ Phase 1 includes a 12-inch diameter pipeline from the RWRF along Live Oak Canyon Road to San Timoteo Canyon Road. This phase will include a second parallel 12-inch diameter pipeline to convey water to maintain habitat in San Timoteo Creek.
- ✓ Phase 2 includes a 16-inch diameter pipeline along San Timoteo Canyon Road and flood control right-of-way to intersection of California Street in the City of Redlands.
- ✓ Phase 3 includes a 20-inch diameter pipeline along public right-of-way to connect with the Santa Ana Regional Interceptor (SARI) near the City of San Bernardino Wastewater Treatment Plant.

Bids were received by the District for Phases 1 and 2 on January 12, 2010. Construction of phases 1 and 2 of the brineline were awarded by the District to Sukut Construction, Inc. April 2010. The pre-construction meeting was held May 4th, 2010 and the Notice to Proceed was issued May 13, 2010. Substantial completion of the project was in August 2011 with final completion in October 2011. The contractor has submitted twenty pay requests including their retention amount. A Prop 50 invoice for the 20th contractor pay request was submitted to SAWPA this month as Component Invoice #11. Final design of the Phase 3 brineline has been completed. Bids were received in August 2011 and the contract was awarded to W.A. Rasic in September 2011.

In September 2010, the grant agreement was amended to include the Wochholz Improved Salinity Effluent (WISE) and Salinity Concentrate Recovery and Minimization (SCRAM) Projects. The WISE project consists of adding reverse osmosis facilities at the Wochholz WRF in order to meet TDS limits as required by the Regional Water Quality Control Board (RWQCB). The RO brine will be discharged via the brineline that also being funded by this grant. The SCRAM project consists of adding a third train of nanofiltration (NF) units to the Regional Water Filtration Facility which will treat the concentrate from the other two trains of NF units to recover water that can be used in the District's non-potable water system and to concentrate the waste so that it can be discharged to the sewer connection for treatment at the Wochholz WRF. The SCRAM project has been delayed by the District and has not been re-scheduled. The grant agreement is the process of being amended to remove the SCRAM project.

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Final design of the WISE project was completed in January 2012 and was advertised for bid. Three bids were received on February 28, 2012 and the project was awarded to Pascal and Ludwig Constructors in March for their low bid of \$5,003,170. Construction is scheduled for completion before the end of 2012.

Summary of Activities

Item 1 – Review # 1.1 Submit GPS information to provide site location using GPS tools and provide in digital format. (Cumulative 100% complete)

No work performed this period.

Item 2 – Review # 1.2 Submit Project Assessment and Evaluation Plan (PAEP) describing project, objectives, and progress performance measurements. Submitted April 3, 2008 via email. An updated PAEP status was submitted in March 2011 and March 2012. (Cumulative 100% complete)

Item 3 – Review # 1.2 Submit Non-point Source Pollution Reduction Project Follow-up Survey Form. This was last submitted on December 15, 2008.

Item 3A – Review # 1.6 Submit CEQA/NEPA documentation for the brineline and the WISE projects. (Cumulative 100% complete)

The brineline and WISE environmental documentation was submitted in May 2009 and April 2010, respectively. The WISE was part of the Regional Brineline Extension project, which was documented in a Mitigated Negative Declaration that was adopted on November 19, 1999. A Notice of Determination (NOD) was prepared for the WISE project and sent to the State Clearinghouse in May 2009. A copy of the stamped NOD was provided to SAWPA on February 17, 2011.

Item 4 – Review # 1.7. Submit landowner agreements, if applicable. (Cumulative 100% complete)

The proposed Phase 3 brineline alignment that remains to be constructed is within the public right-of-way or previously established easements, except where it crosses Loma Linda University (LLU) property, a small section of property owned by the County of San Bernardino, and a portion of the pipeline within the San Bernardino County Flood Control District (SBCFCD) channel. LLU has signed the MOU agreement and easements along LLU property. The District has finalized an amendment to the Licensing Agreement with SBCFCD. Request for an easement were made to County of San Bernardino for alignment along the extension of Hunts Lane immediately south of the Santa Ana River. The plats/legals and easement documentation were revised on July 12, 2011. They were received by the County of San Bernardino and executed by the Chair. Signed documents were submitted on September 20, 2011.

A rights summary was received from Southern California Edison Right-of-Way Department for Phases 1 and 2. An update will still be needed for Phase 3.

Item 5 – Review # 1.9. Submit applicable permits required for the project. (Cumulative 100% complete)

Phase 1 and 2: Permit applications were submitted to the City of Redlands and County of Riverside and City of Yucaipa in August 2009. Permit conditions were included in the bid package with Contractor requirements to secure encroachment permits prior to construction. Union Pacific RR (UPRR) permit was revised for a larger (16") diameter pipeline where we reach San Timoteo Canyon Road. The revision was submitted in mid June 2009. The UPRR license agreements were received and executed by YVWD in August 2009. San Bernardino County Flood Control District needs "final" plans to prepare permit approval. Final Plans were advertised for construction in November 2009. The District executed the license agreement. All Phase 1 and Phase 2 permit conditions were secured prior to bid in November 2009. Sukut, the construction contractor, has secured the necessary encroachment permits.

Phase 3: Permit applications were submitted to the City of Loma Linda and City of Riverside (Gage Canal) on June 7th, 2010. License agreement for City of Riverside is on the City Council agenda of July 26, 2011 for approval. An MOU agreement will be obtained for City of Loma Linda. Final plan approval was submitted to

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Caltrans on December 15th, 2010 and the permit was finalized in May 2011. The SBCFCD permit was issued July 2011 for construction within their facilities. The encroachment permit agreements for City of San Bernardino have been executed. Construction and right-of-way permits for work performed in the roadways will be obtained by contractor once construction commences. Caltrans permit agreements were completed and executed within the 2nd quarter of 2011.

Item 6 – Review # 2.7.1. The preliminary design report was completed in July 2008. A copy of the report was provided for the Grant Manager. (Cumulative 100% complete)

Item 7 – Review # 2.7.2. Submitted the final plans for pipeline alignment and design of an approximately seventy-six thousand (76,000) foot long brine disposal pipeline (in electronic format only). Phase 1 and 2 plans for the brineline were finalized in August 2009. Bids were received on Phases 1 and 2 in January 2010. Phase 3 bids are anticipated to be received in April 2011. (Cumulative 100% complete)

Review # 2.7.2.1 Construct the brineline in accordance with the project design. Construction of Phases 1 and 2 of the brineline were awarded by the District to Sukut Construction, Inc. in April 2010. The pre-construction meeting was held May 4th, 2010 and the Notice to Proceed was issued May 13, 2010. Mobilization and potholing began in May & June 2010. Construction began in early July 2010. Phases 1 and 2 of the brineline were 95% complete as of August 25, 2011 per Sukut Pay Estimate #16.

Based on Construction Progress Report No. 14 (July 2011) and work performed through August 25, 2011; the work was essentially complete in July, so the work remaining is very minimal and random. The work performed this quarter included completion of pipe installation, yard cleanup and demobilization. The only remaining item of work is repair of a fence along SBCFCD right-of-way that was anticipated to be completed in September. There is no monthly progress report for August since there was no project work performed and no changes to the July Report. There will be final report prepared in October to cover the fence repair and project closeout.

Item 8 – Review # 2.7.3 An amendment to the grant agreement is in process to remove the SCRAM project from funding due to a delay in the schedule for implementation.

Item 9 – Review # 2.7.4 Final plans for the WISE project will be submitted in April 2012. (Cumulative 100% complete)

Item 10 – Review # 2.7.5 Conduct pre-, current and post-construction photo documentation per State Water Board Guidelines and submit photos. (Cumulative 0% complete)

No work performed this period.

Item 11 – Review # 2.7.9 Submit As-Built Drawings (in electronic format only). (Cumulative 0% complete)

No work performed this period.

Item 12 – Review # 2.7.10.3 Santa Ana Regional Interceptor (SARI) Pipeline and Treatment Capacity. (Cumulative 75% complete)

2.7.6.1 - Purchase required additional SARI pipeline capacity (own sufficient capacity for foreseeable future).

2.7.6.2 - Purchase required additional treatment and disposal capacity (in discussions with SAWPA).

2.7.6.3 - Submit a report on SARI capacity purchases to the Grant Manager (complete).

YVWD has purchased 1.1 MGD of pipeline capacity, sufficient for the first phase of the project. Purchase of up to 2 MGD is planned. Purchase of treatment and disposal capacity is in progress.

Item 13 – Review # 6.2 Submit Grant Summary Form. Submitted April 3, 2008 via email. (Cumulative 100% complete)

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Item 14 – Review # 6.3 Complete and submit electronically a Natural Resource Project Inventory (NRPI) Project Survey Form found at <http://www.ice.ucdavis.edu/nrpi>. A hard copy shall be submitted to the Program Analyst prior to final payment. (Cumulative 0% complete)

No work performed this period.

Item 15 – Review # 6.4 Prepare and submit Draft Component (Project) Report to the Grant Manager for review and comment that addresses summary of project, report monitoring and management practices, project performance, lessons learned, project costs and funding, follow-up plan, photos, graphics and submitted items. (Cumulative 0% complete)

No work performed this period.

Item 16 – Review # 6.5 Prepare and submit Final Component (Project) Report that addresses, to the extent feasible, comments made by the Grant Manager on draft Project Report. The submittal should include 1 reproducible master, 2 copies and an electronic version of final report. (Cumulative 0% complete)

No work performed this period.

**YUCAIPA VALLEY WATER DISTRICT
NON-POTABLE WATER INFRASTRUCTURE AND
HABITAT ENHANCEMENT PROJECT
Grant ID#: XP-98938401-0**

**QUARTERLY REPORT
PROJECT PERIOD:
January 2012 through March 2012**

BACKGROUND

Historically, the Yucaipa Valley Water District (District) has depended solely on ground water sources and surface water from the local mountains to meet its water demand, with groundwater providing approximately 95 percent of the total supplies. Completion of the new Yucaipa Valley Regional Water Filtration Facility (YVWFF) in mid 2007 provides the District with the opportunity to distribute imported water and reserve the local groundwater supplies for periods of extreme drought. The District has also pursued other projects to reduce dependence on local groundwater.

As a result of discussions with the Regional Water Quality Control Board (RWQCB), the District committed to continue to protect beneficial uses of the local watershed and maintain water quality consistent with “maximum benefit” to the people. This requires that the District implement the following:

- Limit total dissolved solids (TDS) concentration in the Wochholz Water Reclamation Facility (WRF) effluent to a maximum of 540 mg/L.
- Construction of a non-potable water system for irrigation uses, using a blend of State Project Water and recycled water from the Wochholz WRF.
- Construction of desalting facilities and brine disposal pipeline.
- Maximize the recharge of storm and imported water
- Elimination of recycled water discharges to the unlined reach of San Timoteo Creek

YVWD is well underway towards satisfying these commitments made to the RWQCB. Operation of the recycled water system began in 2002, environmental review of the brine disposal pipeline was completed at the end of 2007, design of recharge basins adjacent to the Yucaipa Regional Water Filtration Facility (WFF) were completed in early 2008 and design of the Phase II expansion of the non-potable water system began in 2007 including facilities needed to eliminate the effluent discharges to San Timoteo Creek.

For reference purposes, Phases 1, 2 and 3 refer to the Brineline project; and Phases I and II refer to the Non-potable Water Distribution System project.

Environmental Documentation

A Final Mitigated Negative Declaration (MND) for the Phase I Non-Potable Water Distribution System was completed in January 2002. A Record of Decision (ROD) on the Final Environmental Impact Report/Environmental Impact Statement for Yucaipa Valley Water District (the "District") Non-potable Water Distribution System Project (Final EIR/EIS) was approved in June 2006. Operation of the Phase I system began in 2002 with the intent to provide 18 irrigation sites throughout the District's water service area to serve approximately 1,700 afy of demand for a maximum day demand of approximately 3.0 mgd. Since the Phase I system has initiated, the District has served over 9,000 af of non-potable water directly for irrigation.

It should be noted that the proposed Non-Potable Water distribution system is renamed as the Recycled Water Distribution System from herein and throughout.

Recycled Water Distribution System

The proposed project components of the District's Recycled Water System consist of the following and are described in more detail in this section:

1. Phase I Recycled water Distribution System (completed)
2. Phase II Recycled Water Distribution System
3. Beaumont Cherry Valley Recycled Water Pipeline (BCV Pipeline)

Phase I Recycled Water Distribution System

The Phase I distribution system currently serves 9,000 af of demand and consists of the following facilities:

- 9,600 linear feet of 12" recycled water pipelines;
- 34,500 linear feet of 16" recycled water pipelines;
- 35,300 linear feet of 24" recycled water pipelines;
- 4.0 million gallon recycled water D-1 reservoir (renamed NR-8.1);
- 2.0 million gallon recycled water reservoir (NR 12.1); and
- 4.0 million gallon recycled water reservoir (NR 14.1)

The total cost of the Phase I system was approximately \$18 million.

Phase II Recycled Water Distribution System

The Phase II recycled water distribution system will include the facilities necessary to connect the Wochholz WWRF to the existing Phase I Recycled Water Distribution system. Recycled water demands to be satisfied through the system will be increased to serve over 9,000 afy with build-out of the planned developments. The facilities to be included in the Phase II Expansion Project include the following:

- Approximately 13,000 linear feet of 12-inch recycled water outfall pipeline along Live Oak Canyon Road to provide a second discharge into San Timoteo Creek
- Approximately 8,600 linear feet of 24-inch recycled water pipeline along Crow Street (entrance road to the Wochholz WWRF)

- One 2.0 mg recycled water storage tank at the end of Crow Street (NR-10.3)
- One 2.0 million gallon non-potable water E-1 reservoir (renamed NR-10.1);
- One 0.5 million gallon non-potable water D-2 reservoir (renamed NR-8.2);
- Recycled water booster station to be located at the end of Crow Street (NB-10.3)
- Recycled water booster station to be located at the NR-12.1 reservoir site (NB-12.1)

Another element of the program is the Wochholz Improved Salinity Effluent (WISE) project. The WISE Project involves installation of reverse-osmosis (R-O) treatment within the Wochholz Regional Water Recycling Facility (WRWRF). The reverse-osmosis facilities are to be enclosed in an existing pre-manufactured building. The reverse-osmosis system would consist of feeder pumps, cartridge filters, pressure vessel racks, membrane pressure vessels, membrane elements, an interstage booster pump, piping, valves, and instrumentation. Collectively these components make up a reverse-osmosis train.

The ultimate system is planned to expand the distribution system to other parts of the District's service area to provide recycled water to additional customers and improve reliability of the overall system. The average annual water demand to be served by the ultimate system is estimated to be approximately 10,000 afy depending on the extent of expansion and success of customer conversions. To optimize energy efficiency, it is anticipated that the ultimate system during wet or normal years, the recycled water will serve the lower zones (7,700 afy) and the raw imported water will serve the upper zones (2,300 afy). During drought years the entire system will be supplied with recycled water or non-potable groundwater.

PROJECT STATUS

I. Work Completed through the Quarter

Dudek Engineering & Environmental was selected for Preliminary Design of Phase II of the Recycled Water Distribution System and Brineline Extension by the District in July 2007 and were provided a Notice to Proceed (NTP) in August 2007. The Scope of Work includes a separate Preliminary Design Report (PDR) for the Recycled Water System and a Brineline Alignment Study. Final design for the recycled water pipeline in Crow Street was authorized by the District in March 2008, and the Brineline design was authorized in July 2008. Construction of the 12-inch recycled water outfall pipeline along Live Oak Canyon Road was combined with Phase 1 of the Brineline since they follow the same alignment. This construction work has been completed.

- a. Continued final design of the Recycled Water Pipeline in Crow Street.
- b. Coordinated with District regarding implementation of the San Timoteo Creek Habitat Monitoring Plan.
- c. Preparation of cultural and biological resources technical studies for the BCV Pipeline.

SPI completed final design of the WISE project and project was advertized for bids in January. Three bids were received on February 28, 2012 and the project was awarded to

Pascal and Ludwig Constructors in March for their low bid of \$5,003,170. Construction is scheduled for completion before the end of 2012.

Krieger & Stewart completed final design of the recycled water reservoir (NR 10.3) and pump station (NB 10.3). The project was advertized for bids in November with four bids received on December 22nd. The project was awarded by the District in January to Canyon Springs Enterprises for their low bid of \$4,177,087.

Krieger & Stewart also completed final design of the recycled pump station (NB 12.1) in January. The project was advertized for bids in February with seven bids received on March 27th. It is anticipated that the project will be awarded by the District in April to Doty Brothers for their low bid of \$1,889,000.

II. Work Anticipated for Completion during the Next Quarter

Work anticipated for completion during the next Quarter is anticipated to include:

- Update Work Plan to include the reverse osmosis facility at the wastewater treatment plant (WISE project).
- Complete design of Crow Street pipeline, advertise project to bid and award construction contract.
- Initiate construction of the WISE project.
- Continue construction of the recycled water reservoir (NR 10.3) and pump station (NB 10.3).
- Award construction contract for the NB-12.1 booster pump station.
- Continue habitat monitoring program to establish baseline conditions.

III. Change to the Budget, as identified in the Grant Agreement

No changes to the budget are anticipated at this time.

IV. Change to the Current Project Schedule

The project is proceeding slower than anticipated in the Work Plan Update provided in March 2006, but is still within the overall timeframe. The pipeline, reservoir, pump station work and WISE project has been divided into smaller projects that can be designed and constructed in cost effective and efficient manner. These projects will be phased to expand the distribution system in a logical sequence. The overall project schedule is currently as follows:

EVENT	TENTATIVE DATE	STATUS
Award Preliminary Design Contract	August 2007	Completed
Complete PDR for Phase II Recycled Water Expansion	May 2008	Completed
Award Design Contract for Crow Street Pipeline	June 2008	Completed
Complete Alignment Study for Brineline and Second Outfall	July 2008	Completed
Complete Design for 12-inch Second Outfall in Live Oak Canyon Road	August 2009	Completed
Environmental Permitting	2011-2012	On-going
Phase II Facilities Design and Construction		
Crow Street Pipeline	2011-2012	In design
10.3 Reservoir	2011-2012	Under construction
10.3 Booster Pump Station	2011-2012	Under construction
12.1 Booster Pump Station	2011-2012	Under construction
Reverse Osmosis at WRP (WISE)	2011-2012	Under Construction
Riparian Habitat Monitoring Program	2011-2012	On-going
On-going Program Management	2006-2012	On-going

V. Changes to be Made to the Work Plan

A Work Plan for this project was approved in 2002. Prior to the approval of the Work Plan, the District developed the non-potable water master plan, developed conceptual non-potable water facility system layout, and initiated the preparation of environmental studies and documentation related to the project. Environmental and pre-design work continued in the 2002-2003 fiscal year (October 2002 through September 2003).

Segments of the Phase I Recycled Water Distribution System have been constructed by the District and private developers as conditions of development. The system began deliveries of non-potable water through the Phase I system in mid 2002 with completion of the East Branch Extension of the State Water Project.

A Work Plan Update was submitted in September 2004 that considered elements of the Phase I System constructed by the District and focused primarily on the effort and tasks needed to implement the proposed project upon completion of the EIR/EIS, although it included some additional effort to finalize the environmental documentation. A second Work Plan Update was submitted in March 2006 that focused the efforts on design and construction since the environmental work was largely complete.

An updated Work Plan was submitted in April 2011 to include the latest schedule and information on the following:

- Phase II NPW facilities, including Reservoir 10.3, and booster stations 10.3 and 12.1
- BCV Recycled Water Pipeline

The District has decided not to construct the BCV pipeline at this time, but to focus efforts on the RO system at the WRP. An updated Work Plan will be submitted next quarter to include the WISE system.

VI. Changes to be Made to Programmatic Regulations and/or Programmatic Terms and Conditions Identified in the Grant Agreement

As a result of delays described in “Changes to the Current Project Schedule,” the District was granted an amendment to the assistance agreement extending the project budget and period end date from 9/28/08 to 9/29/09 and again from 9/29/09 to 11/30/12 in late October 2009 through Amendment No. 5. There was no change to the EPA project assistance amount. While the District is scheduling work to be complete by the current deadline at the end of November 2012, an extension maybe needed to allow time for unforeseen delays that might occur during construction.

VII. Equipment Purchases under Grant

No equipment was purchased for the project during this quarter.

VIII. Land and/or Buildings Purchased under Grant

No land or buildings were purchased for the project during this quarter.

IX. Travel conducted under Grant

No travel was conducted for the project during this quarter.

X. Conferences conducted under Grant

No conferences were conducted during this quarter.

XI. Unanticipated Income Generated under Grant

No unanticipated income was generated related to the project during this quarter.

XII. Work by Subcontractor during the Quarter

The work conducted during this quarter related to the project was done primarily by subcontractors (consultants) to the District. These included the following:

- Dudek & Associates –Coordinated with District and EPA regarding environmental documentation of the BCV Pipeline. Coordination with District

regarding implementing San Timoteo Creek HMP. Provided design services for Crow Street pipeline.

- RMC Water and Environment – Project Manager for the District on this project. ‘ Efforts included review of the deliverables from Dudek & Associates, coordination of activities associated with the recycled water system and corresponding District activities, assistance with determining budgets and schedule, progress meetings and coordination with EPA regarding funding for the project, preparation of progress reports, quarterly financial reports, annual reporting documents, and assisting with the SRF Loan for construction of Phase II Recycled Water Distribution System project.
- Krieger and Stewart – Construction Management for non-potable and outfall pipeline– Prepared monthly Construction Progress Reports for fourth quarter. Collected the contractor’s weekly certified payroll documents and other Davis Bacon Act required submittals. Continued design for the recycled water reservoir and pump stations NR 10.3 and NP 10.3, respectively, and began design on the 12.1 pump station.
- SPI – Completed design for the WISE project to be located at the District’s WRWRF. Construction Management for the WISE project and will prepare monthly construction Progress Reports.

XIII. Assistance Required from EPA’s Project Officer and/or Grant Administrator

Potential time extension due to unforeseen construction delays.

REGIONAL BRINELINE EXTENSION (PHASE 3)



Yucaipa Valley Water District

CONSTRUCTION PROGRESS REPORT MAY 2012

Designed By:

Dudek

Construction Manager:

Krieger & Stewart, Incorporated

REPORT SECTIONS

PROJECT DESCRIPTION	1
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ACTIVITIES THIS PERIOD	2
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PROGRESS PAYMENTS & CHANGE ORDERS	3
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SCHEDULE	4
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PHOTOGRAPHS	5
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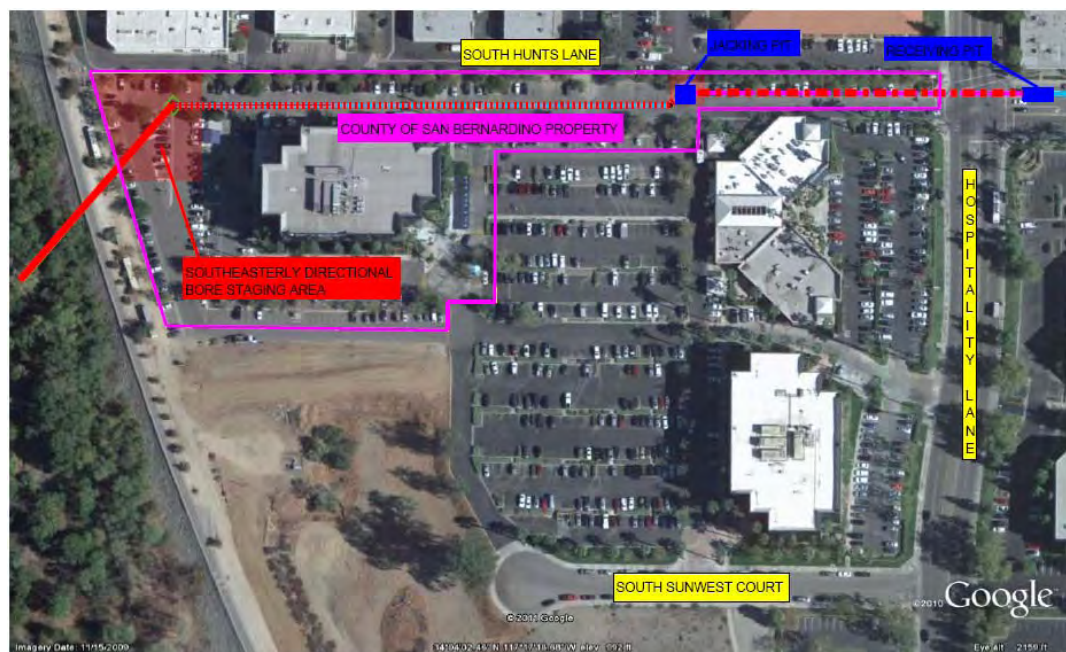
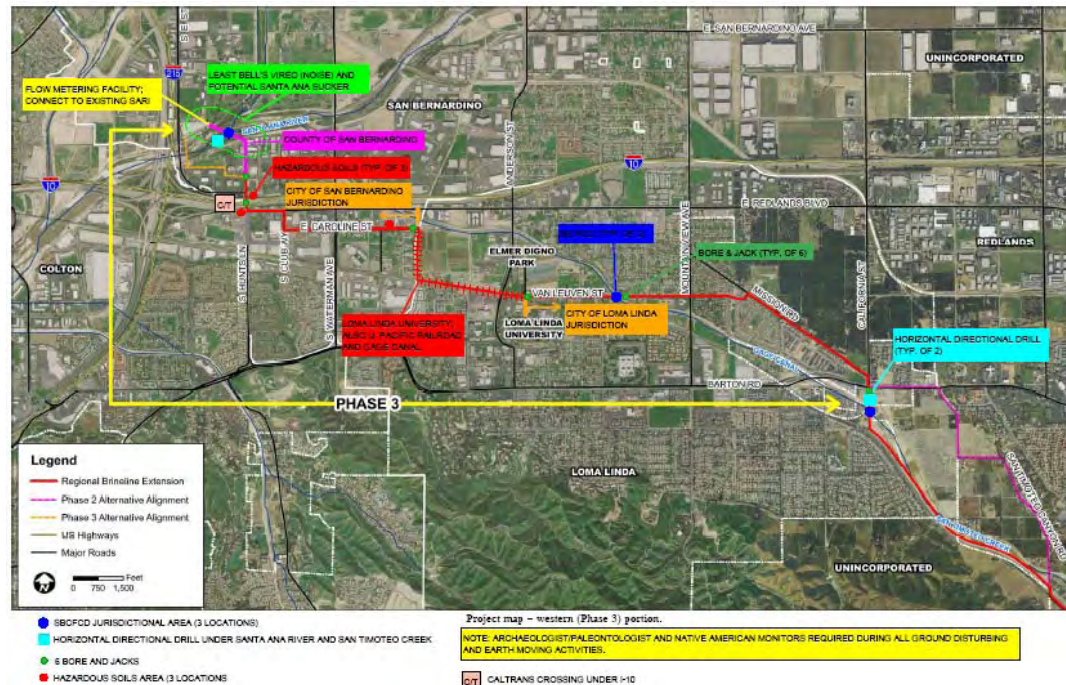
ATTACHMENTS	6
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- **Meeting Minutes**
 - Progress Meeting No. 12 - May 10, 2012**
 - Progress Meeting No. 13 - May 24, 2012**
- **Submittal Log**
- **Request for Information Log**
- **Clarification Log**
- **Schedule of Values**

PROJECT DESCRIPTION

1

- WORK TO BE PERFORMED
- BIDDING
- BID PROPOSAL
- CONTRACTOR AND SUBCONTRACTORS
- MATERIAL MANUFACTURERS/SUPPLIERS
- CONSTRUCTION MANAGEMENT TEAM



Regional Brineline Extension (Phase 3)

WORK TO BE PERFORMED

The project consists of providing all labor, materials, and equipment required to construct the facilities entitled, "**Yucaipa Valley Regional Brineline Extension (Phase 3)**".

The Work is located in the City of Loma Linda, City of San Bernardino, City of Riverside, Caltrans' right-of-way, and San Bernardino County property in the following locations:

1. Within the San Bernardino County Flood Control District (SBCFCD) right-of-way, southerly to the approximate intersection of the extension of California Street and the SBCFCD right-of-way; the intersection of the Van Leuven Bridge and San Timoteo Creek Channel; and northwesterly at the Santa Ana River, east of E Street.
2. Within the City of Loma Linda from Barton Road to Orange Grove Road, intersecting Van Leuven Road east of the Anderson Street Bridge.
3. Within and along Loma Linda University property and the Union Pacific Railroad right-of-way.
4. Within Loma Linda University, along the Gage Canal.
5. Within the City of San Bernardino, westerly to the approximate intersection of the extension of East Caroline and Commerce Way, to Hospitality Lane.
6. Within County of San Bernardino property along Hunts Lane extended, north of Hospitality Lane to and across the Santa Ana River.

The Work generally consists of constructing pipelines and other facilities detailed below:

1. Construction of approximately 26,733 lineal feet (LF) of nominal 20-inch diameter (DIPS, OD = 21.6-inches) DR17 High Density Polyethylene (HDPE) pipe, including all maintenance holes, valves, and other appurtenances.
2. Trenchless construction of two locations totaling approximately 2,303 LF of nominal 20-inch diameter (DIPS, OD = 21.6-inches) DR9 HDPE pipe, directionally drilled under the Santa Ana River and San Timoteo Creek Channel, including all permits, fittings, and other appurtenances.
3. Trenchless construction of six locations totaling approximately 1,800 LF of nominal 20-inch diameter (DIPS, OD = 21.6-inches) DR17 HDPE pipe, within a 30-inch welded steel casing, jacked under Barton Road along California Street; San Timoteo Creek Channel at Van Leuven Bridge; Orange Grove Road and Van Leuven Road; Gage Canal; Interstate 10 on Hunts Lane; and Hospitality Lane, including all permits, fittings, and other appurtenances.
4. Construction of flow control facilities, including metering vault with clamp-on meter, and outfall discharge connection structure to the SARI pipeline, including all fittings, mechanical restraints, vaults, structures, pipe supports, and other appurtenances.
5. Removal and replacement of AC base and cap pavement, as detailed in the Contract Documents or required by jurisdictional permits.

Regional Brineline Extension (Phase 3)

The Work includes all maintenance holes and appurtenances, including air-vacuum valves, pipe supports, and drain assemblies as shown on the Drawings. The Work also includes pavement replacement in accordance with all applicable and referenced standards and details.

BIDDING

The Project was bid on July 29, 2011 and awarded to W.A. Rasic Construction Company, Inc. on August 18, 2011. The Notice to Proceed was issued on September 16, 2011. The low bid Total Bid Amount was **\$9,350,000.00**. A breakdown by bid schedule items follows.

BID PROPOSAL

<p style="text-align: center;">Bid Schedule Yucaipa Valley Regional Brineline Extension (Phase 3)</p>				
Item No.	Estimated Quantity/ Unit	Description	Unit Price	Extended Price
1	1 L.S.	General Requirements: Furnish contract bonds, project insurance, and project permits (not to exceed two percent (2%) of the total bid price).	1 L.S.	\$180,000.00
2	1 L.S.	Mobilization / Demobilization including project closeout and cleanup (not to exceed three percent (3%) of total bid price).	1 L.S.	\$260,000.00
3	1 L.S.	Excavation Safety Measures. State required line item for Labor Code Sections 6705 and 6707, trench excavation plan requirement and sheeting, shoring and bracing.	1 L.S.	\$248,500.15*
4	24,429 L.F.	Furnish and install nominal 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17), including excavation, export of native material, pipe assembly and installation, tracer wire, import and placement of pipe zone material, trench backfill and compaction and testing.	\$168/L.F.	\$4,104,072.00
5	1 L.S.	Horizontal Directional Drill under Santa Ana River, installing 1,574 LF of 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR9), including surveying, real time tracking, HDD mud disposal and as built plan and profile, per plans and specifications, complete and in place.	1 L.S.	\$565,000.00
6	1 L.S.	Horizontal Directional Drill under San Timoteo Creek, installing 729 LF of 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR9), including surveying, real time tracking, HDD mud disposal and as built plan and profile, per plans and specifications, complete and in place.	1 L.S.	\$265,000.00

Regional Brineline Extension (Phase 3)

<p style="text-align: center;">Bid Schedule Yucaipa Valley Regional Brineline Extension (Phase 3)</p>				
Item No.	Estimated Quantity/ Unit	Description	Unit Price	Extended Price
7	1 L.S.	Installation of a flow metering facility and a discharge manhole and connect 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17), to the Santa Ana River Interceptor (SARI), per plans and specifications, complete and in place, per Sheet D-5.	1 L.S.	\$130,000.00
8	1 L.S.	Jack and Bore under Barton Road and California Street up to Mission Road installing 425 LF of a 30" diameter, steel casing including bore pit, receiving pit, furnishing and installing 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17) in casing, and filling annular space with grout per plans and specifications, complete and in place.	1 L.S.	\$245,000.00
9	1 L.S.	Jack and Bore under Gage Canal installing 110 LF of a 30" diameter, steel casing including bore pit, receiving pit, furnishing and installing 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17) in casing, and filling annular space with grout per plans and specifications, complete and in place.	1 L.S.	\$110,000.00
10	1 L.S.	Jack and Bore under San Timoteo Creek Channel at Van Leuven Bridge installing 140 LF of a 30" diameter, steel casing including bore pit, receiving pit, furnishing and installing 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17) in casing, and filling annular space with grout per plans and specifications, complete and in place.	1 L.S.	\$190,000.00
11	1 L.S.	Jack and Bore under I-10 Freeway along Hunts Lane installing 468 LF of a 30" diameter, steel casing including bore pit, receiving pit, furnishing and installing 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17) in casing, and filling annular space with grout per plans and specifications, complete and in place.	1 L.S.	\$290,000.00
12	1 L.S.	Jack and Bore under Hospitality Lane along Hunts Lane installing 478 LF of a 30" diameter, steel casing including bore pit, receiving pit, furnishing and installing 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17) in casing, and filling annular space with grout per plans and specifications, complete and in place.	1 L.S.	\$290,000.00

Regional Brineline Extension (Phase 3)

Bid Schedule Yucaipa Valley Regional Brineline Extension (Phase 3)				
Item No.	Estimated Quantity/ Unit	Description	Unit Price	Extended Price
13	1 L.S.	Jack and Bore under Orange Grove Road along Van Leuven Road installing 179 LF of a 30" diameter, steel casing including bore pit, receiving pit, furnishing and installing 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17) in casing, and filling annular space with grout per plans and specifications, complete and in place.	1 L.S.	140,000.00
14	28 EA	Furnish and install brineline maintenance hole per Detail 3 on Sheet D-2.	\$12,000 EA	\$336,000.00
15	8 EA	Furnish and install brineline air ventilation valves per Detail 2 on Sheet D-2.	\$14,500 EA	\$116,000.00
16	3 EA	Furnish and install brineline drains per Detail 1 on Sheet D-2.	\$11,500 EA	\$34,500.00
17	1 EA	Furnish and install brineline transition manhole per Detail 1 on Sheet D-3.	\$65,000 EA	\$65,000.00
18	17,850 L.F.	Remove, dispose of existing AC paving and base, sawcut of AC, per lineal foot of trench length, as required for trenching.	\$5/L.F.	\$89,250.00
19	17,850 L.F.	Furnish and install AC base pavement and crushed aggregate base over mainline and branch trenches, per lineal foot of trench per Detail 2 on Sheet D-1.	\$14.50/L.F.	\$258,825.00
20	1,022 L.F.	Removal and disposal of a 15" thick reinforced concrete road bed within Redlands Boulevard.	\$50/S.F.	\$51,100.00
21	1,000 L.F.	Furnish and install, when required, geotextile fabric wrap (Mirafi 140N or equal) with overlap equal to the trench width.	\$10/L.F.	\$10,000.00
22	4 EA	Owner directed demobilization/mobilization within project site.	\$4,000 EA	\$16,000.00
23	1 L.S.	Traffic Control	1 L.S.	\$250,000.00
24	1,000 L.F.	Over-excavation, directed by the Owner, to achieve firm trench bottom per Detail 1, Sheet D-1.	\$5/L.F.	\$5,000.00
25	2,000 L.F.	Owner directed installation of pipeline at flowline depth between 1.1 feet and 2.0 feet deeper than shown on the plans.	\$10/L.F.	\$20,000.00
26	500 L.F.	Owner directed installation of pipeline at flowline depth between 2.1 feet and 3.0 feet deeper than shown on the plans.	\$15/L.F.	\$7,500.00

Regional Brinline Extension (Phase 3)

Bid Schedule Yucaipa Valley Regional Brinline Extension (Phase 3)				
Item No.	Estimated Quantity/ Unit	Description	Unit Price	Extended Price
27	40 EA	District-directed relocation of existing sewer laterals, including all coordination with the jurisdictional agency and all associated fees.	\$1,300 EA	\$52,000.00
28	20,000 S.F.	Remove and repave cracked paving and base adjacent to pipeline trench as directed by District or City in accordance with Section 02510 for the respective jurisdictional agency.	\$4/S.F.	\$80,000.00
29	13,600 L.F.	Furnish and install 1-1/4" single duct conduit in trench, furnished by City of Loma Linda, along brinline trench as shown on plans.	\$5/L.F.	\$68,000.00
30	8,560 L.F.	Furnish and install 1-1/4" quad duct conduit in trench, furnished by City of Loma Linda, along brinline trench as shown on plans.	\$10/L.F.	\$85,600.00
31	15 EA	Furnish and install pressure testing bulkhead setup.	\$3,500 EA	\$52,500.00
32	111,618 S.F.	Grind and AC cap streets per City of Loma Linda Pavement Replacement Details shown on the plans. Include costs for permanent pavement markings and striping per Section 02600.	\$1.10/S.F.	\$122,779.80
33	66,382 S.F.	Grind and AC cap streets per City of San Bernardino Pavement Replacement Details shown on the plans. Include costs for permanent pavement markings and striping per Section 02600.	\$1.15/S.F.	\$76,339.30
34	96,135 S.F.	Slurry seal the entire half width of Van Leuven impacted by trenching operations, per Specification Section 02520 and as shown on the plans.	\$0.25/S.F.	\$24,033.75
35	200 L.F.	Furnish an additional 200 LF of nominal 20" diameter (DIPS, OD = 21.6") high density polyethylene (DR17).	\$60/L.F.	\$12,000.00
36	1 L.S.	Field Orders - As authorized by the District.	\$100,000	\$100,000.00
Total Bid Schedule				\$8,950,000.00

* Last minute bid adjustment of \$16,500 was applied to Bid Item No. 3.

Bid Schedule - Yucaipa Valley Regional Brinline Extension (Phase 3)	\$8,950,000.00
Permit Fee Allowance	<u>\$400,000.00</u>
Total Bid	\$9,350,000.00

CONTRACTOR AND SUBCONTRACTORS

General Contractor is W.A. Rasic Construction Company, Inc.

Subcontractor	Service to be Performed
Pipe Jacking Unlimited	Boring and Jacking
Golden State Boring	Horizontal Directional Drilling

MATERIAL MANUFACTURERS/SUPPLIERS

Equipment/Materials	Manufacturer/Supplier
HDPE Pipe	Maskell Robbins
HDPE Maintenance Holes and Fittings	Industrial Pipe Fittings
Clamp-On Flow Meter	Siemens
Precast Concrete Structures	Olson Precast
HDPE Transition Manholes	Industrial Pipe Fittings
Sampling Probes	Saf-T-Flow
Digital Chart Recorder	Saf-T-Flow
Flow Indicator	Saf-T-Flow

CONSTRUCTION MANAGEMENT TEAM

Design Engineer – Firm	Principal Responsibilities
Dudek 750 Second Street Encinitas, CA 92024 <u>Project Designer</u> Michael Metts, P.E.	Design and preparation of contract documents for all project facilities.
Construction Manager - Firm	Principal Responsibilities
Krieger & Stewart, Incorporated 3602 University Avenue Riverside, CA 92501 <u>Project Manager</u> Patrick M. Watson, P.E. <u>Construction Manager</u> Rodney S. Woods, P.E.	Preconstruction Conference Site Coordination Progress Payments Evaluation of Time Extensions Administration of Shop Drawing and Submittal Approval Process Clarifying Plans and Specifications (through Design Engineer) Contract Modifications and Change Orders Inspection and Quality Control Project Meetings Contractor Claims Monthly Project Report Management Information Systems (Document Control) Necessary Reporting Documents Monitoring Contractor Performance Photo Documentation Coordination of Close-Out Final Project Report
Program Manager – Firm	Principal Responsibilities
RMC Water and Environment 15510-C Rockfield Blvd, Suite 200 Irvine, CA 92618 <u>Principal in Charge</u> Scott Goldman, P.E. <u>Project Engineer</u> Mabel Uyeda, P.E.	Act as Program Manager for the project, which includes: Managing Efforts of Construction Manager and Design Engineer Managing Project Funding, Coordination of Funding Agencies, and Preparing Monthly & Quarterly Funding Reimbursement Submittals

ACTIVITIES THIS PERIOD

2

- **PROGRESS MEETINGS**
- **EXECUTED CONTRACTS / CONTRACT DATES**
- **SUBMITTALS / RFIs**
- **CRITICAL SUBMITTALS**
- **WORK COMPLETED DURING THIS PERIOD**
- **SCHEDULE UPDATE**
- **SCHEDULE OF VALUES**
- **PROGRESS PAYMENTS**
- **PROJECT COMPLAINTS**
- **SAFETY AND SECURITY**
- **CLAIMS**
- **CHANGE ORDERS**
- **GENERAL COMMENTS**

PROGRESS MEETINGS

Two progress meetings were held in the month of May. Attendees included representatives from Yucaipa Valley Water District, Krieger & Stewart, W.A. Rasic, and Loma Linda University. Meeting dates were:

May 10, 2012

May 24, 2012

Meeting minutes are included in Section 6.

EXECUTED CONTRACTS / CONTRACT DATES

All contracts have been executed by Contractor (W.A. Rasic Construction Company, Inc.) and the District. Contractor was issued **Notice to Proceed** on **September 16, 2011**.

Contract Time:

Bid and Award	Dates
Bid Date	July 29, 2011
Award Date	August 17, 2011
Notice to Proceed (NTP) Date	September 16, 2011

Original Contract Time	CD	Date	LD per day
Final Completion of All Work	380	August 31, 2012	\$15,000.00

Time Remaining in Contract	CD
Calendar Days Elapsed from Award Date to May 31st	288
Calendar Days Remaining to Final Completion of All Work	92

SUBMITTALS / RFIs / CLARIFICATIONS OF CONTRACT DOCUMENTS

The Submittal, RFI, and Clarification Logs are included in Section 6. The majority of significant submittals critical to completion dates have been received. See Section 6 for details.

CRITICAL SUBMITTALS

The following critical submittals have been received and approved for manufacturing:

- HDPE Pipe Materials
- HDPE Transition Manhole
- HDPE Maintenance Holes
- HDPE Fittings
- HDPE Electrofusion Couplings
- Precast Concrete Maintenance Holes
- Electrical Distribution and Control Submittal

WORK COMPLETED DURING THIS PERIOD

- Contractor continued to expose existing utilities (pothole) at utility crossings and where parallel facilities could potentially interfere with pipeline construction.
- Contractor continued fusing HDPE piping (DR-17 pipe).
- Contractor installed approximately 3,080 LF of 20" HDPE piping between Stations 218+40± and 249+20±. Contractor also continued installing appurtenances.
- Contractor continued the tie-in work at the connection to SAWPA's existing 36" SARI line.
- Contractor completed all work associated with the transition manhole and 8" HDPE lateral on Van Leuven Street.
- Exhibit 1 at the end of this section shows locations where pipe was installed in the month of May.

SCHEDULE UPDATE

The Contractor plans to continue to utilize one large mainline crew to perform mainline installation within the City of Loma Linda (and likely a second crew for appurtenances and/or paving). The plan is to complete Mission Road first, then jump back to Van Leuven Street, then complete the outstanding tie-ins. In addition, the Contractor plans to continue the tie-in work at the connection to SAWPA's existing 36" SARI line. There have been six inclement weather days to date (on 11/4/11, 12/12/11, 12/13/11, 1/23/12, 2/15/12, 3/26/12, and 4/11/12). In addition, W.A. Rasic was provided two one-day time extensions due to the Martin Luther King, Jr. Holiday and unknown, unmarked utility. One more day remains as a part of the original Contract.

SCHEDULE OF VALUES

The Schedule of Values is included as an attachment in Section 6.

PROGRESS PAYMENTS

The Contractor submitted its sixth Progress Payment Request on May 30, 2012. Payment is scheduled to be made by the District following Board approval on June 20, 2012. Approved Payment Requests are included in Section 3.

PROJECT COMPLAINTS

Home Owners Association along Mission Road complained about its grass turning brown (resulting from the 8" RW line being shut down during construction). This matter was promptly resolved by establishing an acceptable watering schedule.

SAFETY AND SECURITY

No safety incidents in May.

CLAIMS

None to date.

CHANGE ORDERS

No new change orders in May.

GENERAL COMMENTS

None.

PROGRESS PAYMENT REQUESTS & CHANGE ORDERS

3

- **PAYMENT REQUEST NO. 1**
- **PAYMENT REQUEST NO. 2**
- **PAYMENT REQUEST NO. 3**
- **PAYMENT REQUEST NO. 4**
- **PAYMENT REQUEST NO. 5**
- **PAYMENT REQUEST NO. 6**
- **PAYMENT REQUEST NO. 7**
- **PAYMENT REQUEST NO. 8**
- **CONTRACT CHANGE ORDER NO. 1**

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 1

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012

Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00

Revised 9,350,000.00

Dates of Estimate:

From Project Award

To 10/25/2011

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.83	\$150,000.00	0.83	\$150,000.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00	0.92	\$240,000.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15	0.45	\$112,500.00	0.45	\$112,500.00
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	565.48	\$95,000.00	565.48	\$95,000.00
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00	0.00	\$0.00	0.00	\$0.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00	0.00	\$0.00	0.00	\$0.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.00	\$0.00	0.00	\$0.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.00	\$0.00	0.00	\$0.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00	0.00	\$0.00	0.00	\$0.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00	0.00	\$0.00	0.00	\$0.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00	0.00	\$0.00	0.00	\$0.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00	0.62	\$180,000.00	0.62	\$180,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.00	\$0.00	0.00	\$0.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	0.00	\$0.00	0.00	\$0.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00	0.00	\$0.00	0.00	\$0.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00	0.00	\$0.00	0.00	\$0.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.00	\$0.00	0.00	\$0.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00	3,750.00	\$18,750.00	3,750.00	\$18,750.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00	0.00	\$0.00	0.00	\$0.00
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00	0.00	\$0.00	0.00	\$0.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00

Partial Payment Form

Yucaipa Valley Regional Brineline Extension (Phase 3)

57444-4C

Project No. P-03-213

K-1

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 1

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00	0.00	\$0.00	0.00	\$0.00
23	Traffic Control	1	\$250,000.00	\$250,000.00	0.08	\$20,837.00	0.08	\$20,837.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00	0.00	\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00	0.00	\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00	0.00	\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00	0.00	\$0.00	0.00	\$0.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	0.00	\$0.00	0.00	\$0.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00	0.00	\$0.00	0.00	\$0.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	0.00	\$0.00	0.00	\$0.00
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80	0.00	\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	0.00	\$0.00	0.00	\$0.00
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75	0.00	\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00	0.00	\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00	0.00	\$0.00	0.00	\$0.00
N/A	Permits	1	\$400,000.00	\$400,000.00	0.10	\$41,153.67	0.10	\$41,153.67

Amount	This Period	Total To Date
Amount Earned	\$858,240.67	\$858,240.67
Amount Retained	\$85,824.07	\$85,824.07
Previous Payments	\$0.00	
Amount Due	\$772,416.60	

Estimated Percentage of Job Completed 9.18% 9.18%

Is Contractor's Construction Progress on Schedule? ☒ Yes [] No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 1

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 11/7/11

W.A. Ratic Construction, Inc
Name of Contractor

BY: H. Jan

Director, Public Works
Title

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 2

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012

Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00

Revised 9,350,000.00

Dates of Estimate:

From 10/26/2011

To 11/25/2011

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.01	\$2,500.00	0.85	\$152,500.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00	0.00	\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15	0.10	\$26,000.00	0.56	\$138,500.00
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	4,088.54	\$686,875.00	4,654.02	\$781,875.00
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00	0.58	\$327,000.00	0.58	\$327,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00	0.00	\$0.00	0.00	\$0.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.00	\$0.00	0.00	\$0.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.00	\$0.00	0.00	\$0.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00	0.41	\$45,000.00	0.41	\$45,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00	0.00	\$0.00	0.00	\$0.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00	0.00	\$0.00	0.00	\$0.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00	0.23	\$66,000.00	0.85	\$246,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.00	\$0.00	0.00	\$0.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	2.31	\$27,700.00	0.08	\$27,700.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00	2.00	\$29,000.00	0.25	\$29,000.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00	1.00	\$11,500.00	0.33	\$11,500.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.00	\$0.00	0.00	\$0.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00	800.00	\$4,000.00	4,550.00	\$22,750.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00	5,740.62	\$83,239.00	5,740.62	\$83,239.00
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00	0.00	\$0.00	0.00	\$0.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00

Partial Payment Form

57444-4C

K-1

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 2

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00	0.00	\$0.00	0.00	\$0.00
23	Traffic Control	1	\$250,000.00	\$250,000.00	0.17	\$41,666.00	0.25	\$62,503.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00	0.00	\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00	0.00	\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00	0.00	\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00	0.00	\$0.00	0.00	\$0.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	0.00	\$0.00	0.00	\$0.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00	1,360.00	\$13,600.00	1,360.00	\$13,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	0.00	\$0.00	0.00	\$0.00
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80	0.00	\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	0.00	\$0.00	0.00	\$0.00
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75	0.00	\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00	0.00	\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00	0.08	\$7,582.98	0.08	\$7,582.98
N/A	Permits	1	\$400,000.00	\$400,000.00	0.000	\$0.00	0.10	\$41,153.67

Amount	This Period	Total To Date
Amount Earned	\$1,371,662.98	\$2,229,903.65
Amount Retained	\$137,166.30	\$222,990.37
Previous Payments		\$772,416.60
Amount Due	\$1,234,496.68	\$2,006,913.28

Estimated Percentage of Job Completed 14.67% 23.85%

Is Contractor's Construction Progress on Schedule? ☒ Yes ☐ No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 2

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 12/1/11

W.A. RASIE CONSTRUCTION, INC
Name of Contractor

BY: K. Tam

Director, Public Works
Title

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 3

Name of Contractor: W.A. Rasic Construction Company, Inc.			
Name of Owner: Yucaipa Valley Water District			
Date of Completion:		Amount of Contract:	
Original	8/31/2012	Original	9,350,000.00
Revised	8/31/2012	Revised	9,350,000.00
		Dates of Estimate:	
		From	11/26/2011
		To	12/25/2011

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.00	\$0.00	0.85	\$152,500.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00	0.00	\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15	0.10	\$24,683.61	0.66	\$163,183.61
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	2,778.04	\$466,709.97	7,432.05	\$1,248,584.97
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00	0.39	\$218,000.00	0.97	\$545,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00	0.00	\$0.00	0.00	\$0.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.00	\$0.00	0.00	\$0.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.00	\$0.00	0.00	\$0.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00	0.48	\$53,000.00	0.89	\$98,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00	0.00	\$0.00	0.00	\$0.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00	0.00	\$0.00	0.00	\$0.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00	0.05	\$14,000.00	0.90	\$260,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.49	\$69,200.00	0.49	\$69,200.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	3.69	\$44,300.00	6.00	\$72,000.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00	1.00	\$14,500.00	3.00	\$43,500.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00	0.00	\$0.00	0.33	\$11,500.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.00	\$0.00	0.00	\$0.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00	4,509.40	\$22,547.00	9,059.40	\$45,297.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00	2,192.51	\$31,791.43	7,933.13	\$115,030.43
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00	0.00	\$0.00	0.00	\$0.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00

Partial Payment Form
57444-4C
K-1

Yucaipa Valley Regional Brineline Extension (Phase 3)
Project No. P-03-213

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 3

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00	0.00	\$0.00	0.00	\$0.00
23	Traffic Control	1	\$250,000.00	\$250,000.00	0.25	\$62,499.00	0.50	\$125,002.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00	0.00	\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00	0.00	\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00	0.00	\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00	0.00	\$0.00	0.00	\$0.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	805.00	\$4,025.00	805.00	\$4,025.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00	0.00	\$0.00	1,360.00	\$13,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	0.00	\$0.00	0.00	\$0.00
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80	0.00	\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	0.00	\$0.00	0.00	\$0.00
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75	0.00	\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00	0.00	\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00	0.00	\$0.00	0.08	\$7,582.98
N/A	Permits	1	\$400,000.00	\$400,000.00			0.10	\$41,153.67

Amount	This Period	Total To Date
Amount Earned	\$1,025,256.01	\$3,255,159.66
Amount Retained	\$102,525.60	\$325,515.97
Previous Payments	\$0.00	\$2,006,913.28
Amount Due	\$922,730.41	\$2,929,643.69

Estimated Percentage of Job Completed 10.97% 34.81%

Is Contractor's Construction Progress on Schedule? ☒ Yes ☐ No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 3

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 12/28/11
Name of Contractor W.A. Basic Construction, Inc
BY: H. T. [Signature]
Title Director, Public Works Div.

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer
BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 4

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012

Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00

Revised 9,350,000.00

Dates of Estimate:

From 12/26/2011

To 1/25/2012

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.06	\$10,500.00	0.91	\$163,000.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00	0.00	\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15	0.06	\$15,184.00	0.72	\$178,367.61
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	2,676.95	\$449,728.33	10,109.00	\$1,698,313.30
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00	0.04	\$20,000.00	1.00	\$565,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00	0.23	\$61,250.00	0.23	\$61,250.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.00	\$0.00	0.00	\$0.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.00	\$0.00	0.00	\$0.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00	0.00	\$0.00	0.89	\$98,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00	0.00	\$0.00	0.00	\$0.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00	0.35	\$102,000.00	0.35	\$102,000.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00	0.00	\$0.00	0.90	\$260,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.36	\$50,800.00	0.86	\$120,000.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	4.00	\$48,000.00	10.00	\$120,000.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00	0.80	\$11,600.00	3.80	\$55,100.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00	0.00	\$0.00	1.00	\$11,500.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.00	\$0.00	0.00	\$0.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00	8,297.00	\$41,485.00	17,356.40	\$86,782.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00	2,102.07	\$30,480.00	10,035.20	\$145,510.43
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00	0.00	\$0.00	0.00	\$0.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00

Partial Payment Form

Yucaipa Valley Regional Brineline Extension (Phase 3)
Project No. P-03-213

57444-4C

K-1

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 4

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00	0.00	\$0.00	0.00	\$0.00
23	Traffic Control	1	\$250,000.00	\$250,000.00	0.17	\$41,666.00	0.67	\$166,668.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00	0.00	\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00	0.00	\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00	0.00	\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00	1,248.00	\$4,992.00	1,248.00	\$4,992.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	200.00	\$1,000.00	1,005.00	\$5,025.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00	6,500.00	\$65,000.00	7,860.00	\$78,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	0.92	\$3,230.40	0.92	\$3,230.40
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80	0.00	\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	18,995.24	\$21,844.53	18,995.24	\$21,844.53
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75	0.00	\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00	0.00	\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00	0.10	\$10,213.18	0.18	\$17,796.16
N/A	Permits	1	\$400,000.00	\$400,000.00	0.01	\$3,014.33	0.11	\$44,167.99

Amount	This Period	Total To Date
Amount Earned	\$991,987.77	\$4,247,147.42
Amount Retained	\$99,198.78	\$424,714.74
Previous Payments	\$0.00	\$2,929,643.69
Amount Due	\$892,788.99	\$3,822,432.68

Estimated Percentage of Job Completed 10.61% 45.42%

Is Contractor's Construction Progress on Schedule? ☒ Yes ☐ No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 4

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 2/1/12

W.A. RASIE CONSTRUCTION, INC.
Name of Contractor

BY: [Signature]

Director, Public Works
Title

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 5

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012

Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00

Revised 9,350,000.00

Dates of Estimate:

From 01/26/2012

To 2/25/2012

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.03	\$6,000.00	0.94	\$169,000.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00	0.00	\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15	0.14	\$34,437.39	0.86	\$212,805.00
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	1,746.90	\$293,480.30	11,855.91	\$1,991,793.60
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00	0.00	\$0.00	1.00	\$565,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00	0.46	\$122,500.00	0.69	\$183,750.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.00	\$0.00	0.00	\$0.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.00	\$0.00	0.00	\$0.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00	0.11	\$12,000.00	1.00	\$110,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00	0.24	\$45,000.00	0.24	\$45,000.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00	0.60	\$173,000.00	0.95	\$275,000.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00	0.05	\$15,000.00	0.95	\$275,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.04	\$5,000.00	0.89	\$125,000.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	3.80	\$45,600.00	13.80	\$165,600.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00	0.90	\$13,050.00	4.70	\$68,150.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00	0.00	\$0.00	1.00	\$11,500.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.00	\$0.00	0.00	\$0.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00	0.00	\$0.00	17,356.40	\$86,782.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00	2,471.62	\$35,838.57	12,506.82	\$181,349.00
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00	1,022.00	\$51,100.00	1,022.00	\$51,100.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00

Partial Payment Form

Yucaipa Valley Regional Brineline Extension (Phase 3)
Project No. P-03-213

57444-4C

K-1

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 5

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00	0.00	\$0.00	0.00	\$0.00
23	Traffic Control	1	\$250,000.00	\$250,000.00	0.08	\$20,833.00	0.75	\$187,501.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00	0.00	\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00	0.00	\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00	0.00	\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00	0.00	\$0.00	1,248.00	\$4,992.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	1,600.00	\$8,000.00	2,605.00	\$13,025.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00	700.00	\$7,000.00	8,560.00	\$85,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	2.30	\$8,077.00	3.23	\$11,307.40
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80	0.00	\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	0.00	\$0.00	18,995.24	\$21,844.53
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75	0.00	\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00	0.00	\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00	0.00	\$0.00	0.18	\$17,796.16
N/A	Permits	1	\$400,000.00	\$400,000.00	0.01	\$4,710.85	0.12	\$48,878.84

Amount	This Period	Total To Date
Amount Earned	\$900,627.11	\$5,147,774.53
Amount Retained	\$90,062.71	\$514,777.45
Previous Payments	\$0.00	\$3,822,432.68
Amount Due	\$810,564.40	\$4,632,997.08

Estimated Percentage of Job Completed 9.63% 55.06%

Is Contractor's Construction Progress on Schedule? ☒ Yes ☐ No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 5

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 3/7/2012

W. A. RASIL CONSTRUCTION
Name of Contractor

BY: [Signature]

PROJECT MANAGER
Title

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 6

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012

Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00

Revised 9,350,000.00

Dates of Estimate:

From 02/26/2012

To 3/25/2012

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.01	\$1,200.00	0.95	\$170,200.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00		\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15		\$0.00	0.86	\$212,805.00
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	3,506.70	\$589,124.59	15,362.60	\$2,580,918.10
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00		\$0.00	1.00	\$565,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00	0.31	\$81,250.00	1.00	\$265,000.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00		\$0.00	0.00	\$0.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.55	\$134,848.25	0.55	\$134,848.25
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00		\$0.00	1.00	\$110,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00	0.61	\$117,000.00	0.85	\$162,000.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00	0.05	\$15,000.00	1.00	\$290,000.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00	0.05	\$15,000.00	1.00	\$290,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.07	\$10,000.00	0.96	\$135,000.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	0.15	\$1,800.00	13.95	\$167,400.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00	0.30	\$4,350.00	5.00	\$72,500.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00	1.00	\$11,500.00	2.00	\$23,000.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.75	\$48,750.00	0.75	\$48,750.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00	315.40	\$1,577.00	17,671.80	\$88,359.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00		\$0.00	12,506.82	\$181,349.00
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00		\$0.00	1,022.00	\$51,100.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00		\$0.00	0.00	\$0.00

Partial Payment Form

Yucaipa Valley Regional Brineline Extension (Phase 3)
Project No. P-03-213

57444-4C

K-1

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 6

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00		\$0.00	0.00	\$0.00
23	Traffic Control	1	\$250,000.00	\$250,000.00	0.17	\$41,666.00	0.92	\$229,167.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00		\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00		\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00		\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00		\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00		\$0.00	1,248.00	\$4,992.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	2,500.00	\$12,500.00	5,105.00	\$25,525.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00		\$0.00	8,560.00	\$85,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	3.69	\$12,921.60	6.90	\$24,229.00
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80		\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	23,291.94	\$26,785.74	42,287.19	\$48,630.27
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75		\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00		\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00		\$0.00	0.18	\$17,796.16
N/A	Permits	1	\$400,000.00	\$400,000.00	0.00	\$606.61	0.12	\$49,485.45

Amount	This Period	Total To Date
Amount Earned	\$1,125,879.79	\$6,273,654.32
Amount Retained	\$112,587.98	\$627,365.43
Previous Payments	\$0.00	\$4,632,997.08
Amount Due	\$1,013,291.81	\$5,646,288.89

Estimated Percentage of Job Completed 12.04% 67.10%

Is Contractor's Construction Progress on Schedule? ☒ Yes ☐ No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 6

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 4/9/12

W.A. RASCH CONSTRUCTION, INC.
Name of Contractor

BY: [Signature]

Director, Public Works Div.
Title

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 7

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012

Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00

Revised 9,350,000.00

Dates of Estimate:

From 03/26/2012

To 4/25/2012

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.01	\$1,800.00	0.96	\$172,000.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00		\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15		\$0.00	0.86	\$212,805.00
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	1,995.24	\$335,199.81	17,357.84	\$2,916,118.00
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00		\$0.00	1.00	\$565,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00		\$0.00	1.00	\$265,000.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.12	\$15,200.00	0.12	\$15,200.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00	0.38	\$92,282.75	0.93	\$227,131.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00		\$0.00	1.00	\$110,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00		\$0.00	0.85	\$162,000.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00		\$0.00	1.00	\$290,000.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00		\$0.00	1.00	\$290,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00	0.04	\$5,000.00	1.00	\$140,000.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	2.40	\$28,800.00	16.35	\$196,200.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00		\$0.00	5.00	\$72,500.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00		\$0.00	2.00	\$23,000.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00		\$0.00	0.75	\$48,750.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00		\$0.00	17,671.80	\$88,359.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00		\$0.00	12,506.82	\$181,349.00
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00		\$0.00	1,022.00	\$51,100.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00		\$0.00	0.00	\$0.00

Partial Payment Form

Yucaipa Valley Regional Brineline Extension (Phase 3)

57444-4C

Project No. P-03-213

K-1

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 7

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00	1.00	\$4,000.00	1.00	\$4,000.00
23	Traffic Control	1	\$250,000.00	\$250,000.00		\$0.00	0.92	\$229,167.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00		\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00		\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00		\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00		\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00		\$0.00	1,248.00	\$4,992.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	1,250.00	\$6,250.00	6,355.00	\$31,775.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00		\$0.00	8,560.00	\$85,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00	1.15	\$4,039.00	8.08	\$28,628.00
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80		\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30	24,094.55	\$27,708.73	66,381.74	\$76,339.00
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75		\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00		\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00	0.45	\$45,254.70	0.63	\$63,050.86
N/A	Permits	1	\$400,000.00	\$400,000.00		\$0.00	0.12	\$49,485.45

Amount	This Period	Total To Date
Amount Earned	\$565,534.99	\$6,839,189.31
Amount Retained	\$56,553.50	\$683,918.93
Previous Payments	\$0.00	\$5,646,288.89
Amount Due	\$508,981.49	\$6,155,270.38

Estimated Percentage of Job Completed 6.05% 73.15%

Is Contractor's Construction Progress on Schedule? ☒ Yes ☐ No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 7

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 5/8/12

W.A. RASTE CONSTRUCTION, INC.
Name of Contractor

BY: [Signature]

Director, Public Works Div.
Title

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 8

Name of Contractor:

W.A. Rasic Construction Company, Inc.

Name of Owner:

Yucaipa Valley Water District

Date of Completion:

Original 8/31/2012
Revised 8/31/2012

Amount of Contract:

Original 9,350,000.00
Revised 9,350,000.00

Dates of Estimate:

From 04/26/2012
To 5/25/2012

Description of Job:

Yucaipa Valley Regional Brineline Extension (Phase 3)

Item #	Contract Items				This Period		Total to Date	
	Description	Quantity	Unit Price	Total	Quantity	Amount	Quantity	Amount
1	General Requirements	1	\$180,000.00	\$180,000.00	0.01	\$2,100.00	0.967	\$174,100.00
2	Mobilization / Demobilization	1	\$260,000.00	\$260,000.00		\$0.00	0.92	\$240,000.00
3	Excavation Safety Measures	1	\$248,500.15	\$248,500.15	0.08	\$19,140.00	0.9333	\$231,945.00
4	20" HDPE	24,429	\$168.00	\$4,104,072.00	3,119.40	\$524,059.19	20,447.25	\$3,440,177.19
5	HDD (Santa Ana River)	1	\$565,000.00	\$565,000.00		\$0.00	1.00	\$565,000.00
6	HDD (San Timoteo Creek)	1	\$265,000.00	\$265,000.00		\$0.00	1.00	\$265,000.00
7	Flow Metering Facility	1	\$130,000.00	\$130,000.00	0.25	\$32,550.00	0.37	\$47,750.00
8	Jack & Bore (Barton Road and California Street)	1	\$245,000.00	\$245,000.00		\$0.00	0.93	\$227,131.00
9	Jack & Bore (Gage Canal)	1	\$110,000.00	\$110,000.00		\$0.00	1.00	\$110,000.00
10	Jack & Bore (San Timoteo Creek Channel at Van Leuven Bridge)	1	\$190,000.00	\$190,000.00		\$0.00	0.85	\$162,000.00
11	Jack & Bore (I-10 Freeway)	1	\$290,000.00	\$290,000.00		\$0.00	1.00	\$290,000.00
12	Jack & Bore (Hospitality Lane)	1	\$290,000.00	\$290,000.00		\$0.00	1.00	\$290,000.00
13	Jack & Bore (Orange Grove Road)	1	\$140,000.00	\$140,000.00		\$0.00	1.00	\$140,000.00
14	Brineline Maintenance Holes	28	\$12,000.00	\$336,000.00	3.20	\$38,400.00	19.55	\$234,600.00
15	Brineline Air Ventilation Valves	8	\$14,500.00	\$116,000.00		\$0.00	5.00	\$72,500.00
16	Brineline Drains	3	\$11,500.00	\$34,500.00		\$0.00	2.00	\$23,000.00
17	Brineline Transition Manhole	1	\$65,000.00	\$65,000.00	0.25	\$16,250.00	1.00	\$65,000.00
18	Remove/Dispose of AC Paving and Base	17,850	\$5.00	\$89,250.00		\$0.00	17,671.80	\$88,359.00
19	AC Base Pavement and Base	17,850	\$14.50	\$258,825.00	4,815.79	\$69,829.00	17,322.62	\$251,178.00
20	Remove/Dispose of Reinforced Concrete Road Bed (Redlands Boulevard)	1,022	\$50.00	\$51,100.00		\$0.00	1,022.00	\$51,100.00
21	Owner Directed Geotextile Fabric Wrap	1,000	\$10.00	\$10,000.00		\$0.00	0.00	\$0.00

Partial Payment Form

57444-4C

K-1

Yucaipa Valley Regional Brineline Extension (Phase 3)

Project No. P-03-213

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 8

22	Owner Directed Mobilization/ Demobilization	4	\$4,000.00	\$16,000.00		\$0.00	1.00	\$4,000.00
23	Traffic Control	1	\$250,000.00	\$250,000.00		\$0.00	0.92	\$229,167.00
24	Owner Directed Overexcavation for Firm Trench Bottom	1,000	\$5.00	\$5,000.00		\$0.00	0.00	\$0.00
25	Owner Directed Lower Pipeline 1 to 2 Feet	2,000	\$10.00	\$20,000.00		\$0.00	0.00	\$0.00
26	Owner Directed Lower Pipeline 2 to 3 Feet	500	\$15.00	\$7,500.00		\$0.00	0.00	\$0.00
27	Owner Directed Relocation of Sewer Laterals	40	\$1,300.00	\$52,000.00		\$0.00	0.00	\$0.00
28	Owner Directed Removal/Repaving of Cracked Paving and Base	20,000	\$4.00	\$80,000.00		\$0.00	1,248.00	\$4,992.00
29	Single Duct Conduit	13,600	\$5.00	\$68,000.00	3,200.00	\$16,000.00	9,555.00	\$47,775.00
30	Quad Duct Conduit	8,560	\$10.00	\$85,600.00		\$0.00	8,560.00	\$85,600.00
31	Pressure Testing Bulkhead Setup	15	\$3,500.00	\$52,500.00		\$0.00	8.08	\$28,628.00
32	Grind and AC Cap Streets (City of Loma Linda)	111,618	\$1.10	\$122,779.80		\$0.00	0.00	\$0.00
33	Grind and AC Cap Streets (City of San Bernardino)	66,382	\$1.15	\$76,339.30		\$0.00	66,381.74	\$76,339.00
34	Slurry Seal Van Leuven	96,135	\$0.25	\$24,033.75		\$0.00	0.00	\$0.00
35	Additional 20" HDPE	200	\$60.00	\$12,000.00		\$0.00	0.00	\$0.00
36	Owner Directed Field Orders	1	\$100,000.00	\$100,000.00		\$0.00	0.63	\$63,050.86
N/A	Permits	1	\$400,000.00	\$400,000.00		\$0.00	0.12	\$49,485.45

Amount	This Period	Total To Date
Amount Earned	\$718,328.19	\$7,557,517.50
Amount Retained	\$71,832.82	\$755,751.75
Previous Payments	\$0.00	\$6,155,270.38
Amount Due	\$646,495.37	\$6,801,765.75

Estimated Percentage of Job Completed 7.68% 80.83%

Is Contractor's Construction Progress on Schedule? [☒] Yes [☐] No

Yucaipa Valley Water District
P.O. Box 730
Yucaipa, CA 92399
(909) 797-5118

PARTIAL PAYMENT ESTIMATE # 8

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: 6/4/12
Name of Contractor W.A. DAVIS CONSTRUCTION, INC.
BY: M. Jan
Title DIRECTOR, Public Works Div.

YUCAIPA VALLEY WATER DISTRICT

BY: [Signature]
Engineer

BY: _____
Inspector

CONTRACT CHANGE ORDER NO. 1

CONTRACT Yucaipa Valley Regional Brineline Extension (Phase 3) DATED August 17, 2011
BY AND BETWEEN Yucaipa Valley Water District (OWNER),
AND W.A. Rasic Construction Co., Inc. (CONTRACTOR),
is hereby directed to make the following change(s) in Contract Work:

ITEM NO.	DESCRIPTION OF CHANGE	DECREASE \$	INCREASE \$
1	Add Exhibit G - Davis Bacon Requirements to Contract (Copy Attached)	\$0.00	\$0.00
2	Add Davis Bacon Wage Determination CA100037 MOD 26 to Contract (Copy Attached)	\$0.00	\$0.00

Total DECREASE in Contract Amount	(\$0.00)
Total INCREASE in Contract Amount	(\$0.00)
Net change in Contract Amount	(\$0.00)
Contract Amount Prior to Change	\$9,350,000.00
Contract Amount Adjusted for Change	\$9,350,000.00

CONTRACT CHANGE ORDER NO. 1

PAGE 2 OF 2

By reason of Change Order No. 1, time of completion shall be adjusted as follows: 0 Working Days.

Adjusted Contract Completion Date shall be: August 31, 2012.

All provisions of the Contract shall apply hereto, and shall become effective when fully executed (signed and dated) by both parties.

Recommended by (Engineer) Robert M. Watson Date: 2-14-12

Accepted by (Contractor) U. Juan Date: 2/28/12

Approved by (Owner) Charles B. Ju Date: 2/28/12

Remarks _____

EXHIBIT G — DAVIS BACON REQUIREMENTS

(insert the following highlighted block if the Recipient is a Governmental Entity):

1. Contract and Subcontract provisions for Recipients

- (a) The Recipient shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF the following clauses:

(1) Minimum wages.

- (i) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

Subrecipients may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

- (ii)(A) The Recipient, on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be

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classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
 - (2) The classification is utilized in the area by the construction industry; and
 - (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Recipient agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the Recipient to the State award official. The State award official will transmit the request, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and Recipient do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in

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the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

- (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.
- (2) Withholding. The Recipient, shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
- (3) Payrolls and basic records.
 - (i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee

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programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

- (ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the Recipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State or EPA. As to each payroll copy received, the Recipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the Recipient for transmission to the State Water Board or EPA if requested by EPA, the State Water Board, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the Recipient.
- (B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
- (1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;
 - (2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

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- (3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
 - (C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.
 - (D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.
 - (iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.
- (4) Apprentices and trainees.
- (i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than

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that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.
- (iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal

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employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

- (5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
- (6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
- (7) Contract termination; debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
- (8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
- (9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and Recipient, State, EPA, the U.S. Department of Labor, or the employees or their representatives.
- (10) Certification of eligibility.
 - (i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

2. Contract Provision for Contracts in Excess of \$100,000.

- (a) Contract Work Hours and Safety Standards Act. The Recipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Section 1, above or

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29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
 - (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (a)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (a)(1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (a)(1) of this section.
 - (3) Withholding for unpaid wages and liquidated damages. The Recipient, upon written request of the EPA Award Official or an authorized representative of the Department of Labor, shall withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
 - (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (a)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (a)(1) through (4) of this section.
- (b) In addition to the clauses contained in Section 1, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in 29 CFR 5.1, the Recipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Recipient

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shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

3. Compliance Verification

- (a) The Recipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The subrecipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.
- (b) The Recipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the Recipient should conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. The Recipient must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. The Recipient shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.
- (c) The Recipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The Recipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable, the Recipient should spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. The Recipient must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the Recipient shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.
- (d) The Recipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and training programs approved by either the U.S Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

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- (e) The Recipient must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at <http://www.dol.gov/esa/contacts/whd/america2.htm>.

(insert the following highlighted block if the Recipient is NOT a Governmental Entity):

Under these terms and conditions, the Recipient must submit its proposed DB wage determinations to the State Water Board for approval prior to including the wage determination in any solicitation, contract task orders, work assignments, or similar instruments to existing contractors.

1. Contract and Subcontract provisions.

- (a) The Recipient shall insert in full in any contract in excess of \$2,000 which is entered into for the actual construction, alteration and/or repair, including painting and decorating, of a treatment work under the CWSRF the following clauses:

(1) Minimum wages.

- (i) All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in § 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its

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subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

The Recipient may obtain wage determinations from the U.S. Department of Labor's web site, www.dol.gov.

- (ii)(A) The Recipient, on behalf of EPA, shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The State award official shall approve a request for an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
 - (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
 - (2) The classification is utilized in the area by the construction industry; and
 - (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Recipient agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), documentation of the action taken and the request, including the local wage determination shall be sent by the Recipient to the State award official. The State award official will transmit the report, to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210 and to the EPA DB Regional Coordinator concurrently. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification request within 30 days of receipt and so advise the State award official or will notify the State award official within the 30-day period that additional time is necessary.
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the and the Recipient do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the award official shall refer the request, and the local wage determination, including the views of all interested parties and the recommendation of the State award official, to the Administrator for determination. The request shall be sent to the EPA Regional Coordinator concurrently. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt of the request and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

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- (D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii)(B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
 - (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
 - (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.
- (2) Withholding. The Recipient shall upon written request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the (Agency) may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
- (3) Payrolls and basic records.
- (i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act,

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the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

- (ii)(A) The contractor shall submit weekly, for each week in which any contract work is performed, a copy of all payrolls to the Recipient, that is, the entity that receives the sub-grant or loan from the State capitalization grant recipient. Such documentation shall be available on request of the State Water Board or EPA. As to each payroll copy received, the Recipient shall provide written confirmation in a form satisfactory to the State indicating whether or not the project is in compliance with the requirements of 29 CFR 5.5(a)(1) based on the most recent payroll copies for the specified week. The payrolls shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on the weekly payrolls. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the Recipient for transmission to the State or EPA if requested by EPA, the State, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the Recipient.
- (B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
 - (1) That the payroll for the payroll period contains the information required to be provided under § 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under § 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

EXHIBIT G — DAVIS BACON REQUIREMENTS

- (2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
 - (3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
- (C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.
- (D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.
- (iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the State, EPA or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency or State may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.
- (4) Apprentices and trainees.
 - (i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the

EXHIBIT G — DAVIS BACON REQUIREMENTS

contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the

EXHIBIT G — DAVIS BACON REQUIREMENTS

ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.
- (5) Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.
- (6) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the EPA determines may be appropriate, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
- (7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
- (8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
- (9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the Recipient, State, EPA, the U.S. Department of Labor, or the employees or their representatives.
- (10) Certification of eligibility.
 - (i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
 - (iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

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2. Contract Provision for Contracts in Excess of \$100,000.

- (a) Contract Work Hours and Safety Standards Act. The Recipient shall insert the following clauses set forth in paragraphs (a)(1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Section 1, above or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.
- (1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- (2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.
- (3) Withholding for unpaid wages and liquidated damages. The Recipient shall upon the request of the EPA Award Official or an authorized representative of the Department of Labor, withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.
- (4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.
- (c) In addition to the clauses contained in Section 1, above, in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the

EXHIBIT G — DAVIS BACON REQUIREMENTS

other statutes cited in 29 CFR 5.1, the Recipient shall insert a clause requiring that the contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Recipient shall insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made available by the contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

3. Compliance Verification

- (a) The Recipient shall periodically interview a sufficient number of employees entitled to DB prevailing wages (covered employees) to verify that contractors or subcontractors are paying the appropriate wage rates. As provided in 29 CFR 5.6(a)(6), all interviews must be conducted in confidence. The Recipient must use Standard Form 1445 (SF 1445) or equivalent documentation to memorialize the interviews. Copies of the SF 1445 are available from EPA on request.
- (b) The Recipient shall establish and follow an interview schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, the Recipient should conduct interviews with a representative group of covered employees within two weeks of each contractor or subcontractor's submission of its initial weekly payroll data and two weeks prior to the estimated completion date for the contract or subcontract. The Recipient must conduct more frequent interviews if the initial interviews or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. The Recipient shall immediately conduct necessary interviews in response to an alleged violation of the prevailing wage requirements. All interviews shall be conducted in confidence.
- (c) The Recipient shall periodically conduct spot checks of a representative sample of weekly payroll data to verify that contractors or subcontractors are paying the appropriate wage rates. The Recipient shall establish and follow a spot check schedule based on its assessment of the risks of noncompliance with DB posed by contractors or subcontractors and the duration of the contract or subcontract. At a minimum, if practicable the Recipient shall spot check payroll data within two weeks of each contractor or subcontractor's submission of its initial payroll data and two weeks prior to the completion date the contract or subcontract. The Recipient must conduct more frequent spot checks if the initial spot check or other information indicates that there is a risk that the contractor or subcontractor is not complying with DB. In addition, during the examinations the Recipient shall verify evidence of fringe benefit plans and payments thereunder by contractors and subcontractors who claim credit for fringe benefit contributions.
- (d) The Recipient shall periodically review contractors and subcontractors use of apprentices and trainees to verify registration and certification with respect to apprenticeship and

Name of Recipient
Agreement No.: XX-XXX-550
Project No.: C-06-XXXX-XXX

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training programs approved by either the U.S. Department of Labor or a state, as appropriate, and that contractors and subcontractors are not using disproportionate numbers of, laborers, trainees and apprentices. These reviews shall be conducted in accordance with the schedules for spot checks and interviews described in Item 5(b) and (c) above.

- (e) The Recipient must immediately report potential violations of the DB prevailing wage requirements to the EPA DB contact listed above and to the appropriate DOL Wage and Hour District Office listed at <http://www.dol.gov/esa/contacts/whd/america2.htm>.

CA100037 MOD 26 REVISED 07/22/11 CA37

***** THIS WAGE DETERMINATION WAS REPLACED ON 07/22/11*****

General Decision Number: CA100037 06/10/2011

Superseded General Decision Number: CA20080037

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

County: San Bernardino County in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	03/12/2010
1	03/26/2010
2	04/02/2010
3	04/16/2010
4	06/25/2010
5	07/02/2010
6	07/23/2010
7	08/06/2010
8	08/13/2010
9	08/27/2010
10	09/03/2010
11	09/10/2010
12	09/24/2010
13	10/08/2010
14	12/03/2010
15	01/21/2011
16	02/18/2011
17	03/04/2011
18	03/18/2011
19	04/08/2011
20	04/15/2011
21	04/29/2011
22	05/06/2011
23	05/20/2011
24	05/27/2011
25	06/03/2011
26	06/10/2011

ASBE0005-002 06/28/2010

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems).....	\$ 32.79	16.31
Fire Stop Technician (Application of Firestopping		

Materials for wall openings
and penetrations in walls,
floors, ceilings and curtain
walls).....\$ 24.21 13.76

ASBE0005-004 06/28/2010

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)....	\$ 18.70	8.65

* BOIL0092-003 05/01/2011

	Rates	Fringes
BOILERMAKER.....	\$ 41.26	25.27

BRCA0004-011 05/01/2011

	Rates	Fringes
BRICKLAYER; MARBLE SETTER.....	\$ 35.66	10.87

BRCA0018-004 06/01/2008

	Rates	Fringes
MARBLE FINISHER.....	\$ 25.52	9.08
TILE FINISHER.....	\$ 21.07	7.88
TILE LAYER.....	\$ 32.05	11.99

BRCA0018-010 09/01/2009

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 26.59	9.62
TERRAZZO WORKER/SETTER.....	\$ 33.63	10.46

CARP0409-001 07/01/2010

	Rates	Fringes
CARPENTER (1) Carpenter, Cabinet Installer, Insulation Installer, Hardwood Floor Worker and acoustical installer, and solar panels.	\$ 37.35	11.08
(2) Millwright.....	\$ 37.85	11.08
(3) Piledriver/Derrick Bargeman, Bridge or Dock		

Carpenter, Heavy Framer, Rock Bargeman or Scowman, Rockslinger, Shingler (Commercial).....	\$ 37.48	11.08
(4) Pneumatic Nailer, Power Stapler.....	\$ 37.60	11.08
(5) Sawfiler.....	\$ 37.44	11.08
(6) Scaffold Builder.....	\$ 28.55	11.08
(7) Table Power Saw Operator.....	\$ 37.45	11.08

FOOTNOTE: Work of forming in the construction of open cut sewers or storm drains, on operations in which horizontal lagging is used in conjunction with steel H-Beams driven or placed in pre- drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms (which work is performed by piledrivers): \$0.13 per hour additional. Certified Welder - \$1.00 per hour premium.

CARP0409-002 07/01/2008

	Rates	Fringes
Diver		
(1) Wet.....	\$ 663.68	9.82
(2) Standby.....	\$ 331.84	9.82
(3) Tender.....	\$ 323.84	9.82
(4) Assistant Tender.....	\$ 299.84	9.82

Amounts in "Rates" column are per day

CARP0409-005 07/01/2010

	Rates	Fringes
Drywall		
DRYWALL INSTALLER/LATHER....	\$ 37.35	11.08
STOCKER/SCRAPPER.....	\$ 10.00	6.67

CARP0409-008 08/01/2010

	Rates	Fringes
Modular Furniture Installer.....	\$ 17.00	7.41

ELEC0011-002 11/30/2010

COMMUNICATIONS AND SYSTEMS WORK

	Rates	Fringes
Communications System		
Installer.....	\$ 27.25	10.85
Technician.....	\$ 30.23	9.76

SCOPE OF WORK:

Installation, testing, service and maintenance of systems utilizing the transmission and/or transference of voice, sound, vision and digital for commercial, educational,

security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call systems, radio page, school intercom and sound, burglar alarms, fire alarm (see last paragraph below) and low voltage master clock systems in commercial buildings. Communication Systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding all other data systems or multiple systems which include control function or power supply; excluding installation of raceway systems, conduit systems, line voltage work, and energy management systems. Does not cover work performed at China Lake Naval Ordnance Test Station. Fire alarm work shall be performed at the current inside wireman total cost package.

ELEC0477-002 01/31/2011

	Rates	Fringes
Electricians:.....	\$ 34.85	3%+15.90

CABLE SPLICER: \$1.00 per hour above Electrician rate.

TUNNEL WORK: 10% above Electrician rate.

ZONE PAY:

Zone A - 80 road miles from Post Office, 455 Orange Show Lane, San Bernardino, will be a free zone for all contractors

Zone B - Any work performed outside Zone A's 80 road miles, shall add \$11.00 per hour to the current wage scale.

ELEC1245-001 06/01/2010

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$ 46.14	13.41
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 36.85	12.36
(3) Groundman.....	\$ 28.19	12.10
(4) Powderman.....	\$ 41.20	12.53

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and day after Thanksgiving, Christmas Day

ELEV0018-001 01/01/2010

	Rates	Fringes
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ELEVATOR MECHANIC.....\$ 45.33 20.035

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.
PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

ENGI0012-003 01/01/2011

	Rates	Fringes
OPERATOR: Power Equipment		
(All Other Work)		
GROUP 1.....	\$ 36.83	18.72
GROUP 2.....	\$ 37.61	18.72
GROUP 3.....	\$ 37.90	18.72
GROUP 4.....	\$ 39.39	18.72
GROUP 5.....	\$ 40.49	18.72
GROUP 6.....	\$ 39.61	18.72
GROUP 8.....	\$ 39.72	18.72
GROUP 9.....	\$ 40.82	18.72
GROUP 10.....	\$ 39.84	18.72
GROUP 11.....	\$ 40.94	18.72
GROUP 12.....	\$ 40.01	18.72
GROUP 13.....	\$ 40.11	18.72
GROUP 14.....	\$ 40.14	18.72
GROUP 15.....	\$ 40.22	18.72
GROUP 16.....	\$ 40.34	18.72
GROUP 17.....	\$ 40.51	18.72
GROUP 18.....	\$ 40.61	18.72
GROUP 19.....	\$ 40.72	18.72
GROUP 20.....	\$ 40.84	18.72
GROUP 21.....	\$ 41.01	18.72
GROUP 22.....	\$ 41.11	18.72
GROUP 23.....	\$ 41.22	18.72
GROUP 24.....	\$ 41.34	18.72
GROUP 25.....	\$ 41.51	18.72
OPERATOR: Power Equipment		
(Cranes, Piledriving & Hoisting)		
GROUP 1.....	\$ 38.18	18.72
GROUP 2.....	\$ 38.96	18.72
GROUP 3.....	\$ 39.25	18.72
GROUP 4.....	\$ 39.39	18.72
GROUP 5.....	\$ 39.61	18.72
GROUP 6.....	\$ 39.72	18.72
GROUP 7.....	\$ 39.84	18.72
GROUP 8.....	\$ 40.01	18.72
GROUP 9.....	\$ 40.18	18.72
GROUP 10.....	\$ 41.18	18.72
GROUP 11.....	\$ 42.18	18.72
GROUP 12.....	\$ 43.18	18.72
GROUP 13.....	\$ 44.18	18.72
OPERATOR: Power Equipment		
(Tunnel Work)		
GROUP 1.....	\$ 38.68	18.72
GROUP 2.....	\$ 39.46	18.72

GROUP 3.....	\$ 39.75	18.72
GROUP 4.....	\$ 39.89	18.72
GROUP 5.....	\$ 40.11	18.72
GROUP 6.....	\$ 40.22	18.72
GROUP 7.....	\$ 40.34	18.72

PREMIUM PAY:

\$3.75 per hour shall be paid on all Power Equipment Operator work on the following Military Bases: China Lake Naval Reserve, Vandenberg AFB, Point Arguello, Seely Naval Base, Fort Irwin, Nebo Annex Marine Base, Marine Corp Logistics Base Yermo, Edwards AFB, 29 Palms Marine Base and Camp Pendleton

Workers required to suit up and work in a hazardous material environment: \$2.00 per hour additional. Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

SEE ZONE DEFINITIONS AFTER CLASSIFICATIONS**POWER EQUIPMENT OPERATORS CLASSIFICATIONS**

GROUP 1: Bargeman; Brakeman; Compressor operator; Ditch Witch, with seat or similar type equipment; Elevator operator-inside; Engineer Oiler; Forklift operator (includes loed, lull or similar types under 5 tons; Generator operator; Generator, pump or compressor plant operator; Pump operator; Signalman; Switchman

GROUP 2: Asphalt-rubber plant operator (nurse tank operator); Concrete mixer operator-skip type; Conveyor operator; Fireman; Forklift operator (includes loed, lull or similar types over 5 tons; Hydrostatic pump operator; oiler crusher (asphalt or concrete plant); Petromat laydown machine; PJU side dum jack; Screening and conveyor machine operator (or similar types); Skiploader (wheel type up to 3/4 yd. without attachment); Tar pot fireman; Temporary heating plant operator; Trenching machine oiler

GROUP 3: Asphalt-rubber blend operator; Bobcat or similar type (Skid steer); Equipment greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter radioman (ground); Stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fireman; Backhoe operator (mini-max or similar type); Boring machine operator; Boxman or mixerman (asphalt or concrete); Chip spreading machine operator; Concrete cleaning decontamination machine operator; Concrete Pump Operator (small portable); Drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum); Equipment greaser (grease truck); Guard rail post driver operator; Highline cableway signalman; Horizontal Directional Drilling Machine; Hydra-hammer-aero stomper; Micro Tunneling (above ground tunnel); Power concrete curing machine operator; Power concrete saw operator; Power-driven jumbo form setter operator; Power sweeper operator; Rock Wheel Saw/Trencher; Roller operator (compacting); Screed operator (asphalt or

concrete); Trenching machine operator (up to 6 ft.); Vacuum or much truck

GROUP 5: Equipment Greaser (Grease Truck/Multi Shift).

GROUP 6: Articulating material hauler; Asphalt plant engineer; Batch plant operator; Bit sharpener; Concrete joint machine operator (canal and similar type); Concrete planer operator; Dandy digger; Deck engine operator; Derrickman (oilfield type); Drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum); Drilling machine operator; Hydrographic seeder machine operator (straw, pulp or seed), Jackson track maintainer, or similar type; Kalamazoo Switch tamper, or similar type; Machine tool operator; Maginnis internal full slab vibrator, Mechanical berm, curb or gutter (concrete or asphalt); Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar); Micro tunnel system (below ground); Pavement breaker operator (truck mounted); Road oil mixing machine operator; Roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck); Self-propelled tar pipelining machine operator; Skiploader operator (crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.); Slip form pump operator (power driven hydraulic lifting device for concrete forms); Tractor operator-bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types); Tugger hoist operator (1 drum); Ultra high pressure waterjet cutting tool system operator; Vacuum blasting machine operator

GROUP 8: Asphalt or concrete spreading operator (tamping or finishing); Asphalt paving machine operator (Barber Greene or similar type); Asphalt-rubber distribution operator; Backhoe operator (up to and including 3/4 yd.), small ford, Case or similar; Cast-in-place pipe laying machine operator; Combination mixer and compressor operator (gunite work); Compactor operator (self-propelled); Concrete mixer operator (paving); Crushing plant operator; Drill Doctor; Drilling machine operator, Bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum); Elevating grader operator; Grade checker; Gradall operator; Grouting machine operator; Heavy-duty repairman; Heavy equipment robotics operator; Kalamazoo balliste regulator or similar type; Kolman belt loader and similar type; Le Tourneau blob compactor or similar type; Loader operator (Athey, Euclid, Sierra and similar types); Mobark Chipper or similar; Ozzie padder or similar types; P.C. slot saw; Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pumpcrete gun operator; Rock Drill or similar types; Rotary drill operator (excluding caisson type); Rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator

(multiple engine up to and including 25 yds. struck); Rubber-tired scraper operator (self-loading paddle wheel type-John Deere, 1040 and similar single unit); Self-propelled curb and gutter machine operator; Shuttle buggy; Skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.); Soil remediation plant operator; Surface heaters and planer operator; Tractor compressor drill combination operator; Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar-bulldozer, tamper, scraper and push tractor single engine); Tractor operator (boom attachments), Traveling pipe wrapping, cleaning and bending machine operator; Trenching machine operator (over 6 ft. depth capacity, manufacturer's rating); trenching Machine with Road Miner attachment (over 6 ft depth capacity); Ultra high pressure waterjet cutting tool system mechanic; Water pull (compaction) operator

GROUP 9: Heavy Duty Repairman

GROUP 10: Drilling machine operator, Bucket or auger types (Calweld 200 B bucket or similar types-Watson 3000 or 5000 auger or similar types-Textoma 900 auger or similar types-drilling depth of 105' maximum); Dual drum mixer, dynamic compactor LDC350 (or similar types); Monorail locomotive operator (diesel, gas or electric); Motor patrol-blade operator (single engine); Multiple engine tractor operator (Euclid and similar type-except Quad 9 cat.); Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Pneumatic pipe ramming tool and similar types; Prestressed wrapping machine operator; Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Rubber tired earth moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), Tower crane repairman; Tractor loader operator (crawler and wheel type over 6-1/2 yds.); Woods mixer operator (and similar Pugmill equipment)

GROUP 11: Heavy Duty Repairman - Welder Combination, Welder - Certified.

GROUP 12: Auto grader operator; Automatic slip form operator; Drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types - Watson, auger 6000 or similar types - Hughes Super Duty, auger 200 or similar types - drilling depth of 175' maximum); Hoe ram or similar with compressor; Mass excavator operator less tha 750 cu. yards; Mechanical finishing machine operator; Mobile form traveler operator; Motor patrol operator (multi-engine); Pipe mobile machine operator; Rubber-tired earth- moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Rubber-tired self- loading scraper operator (paddle-wheel-auger type self-loading - two (2) or more units)

GROUP 13: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 14: Canal liner operator; Canal trimmer operator;
Remote- control earth-moving equipment operator (operating
a second piece of equipment: \$1.00 per hour additional);
Wheel excavator operator (over 750 cu. yds.)

GROUP 15: Rubber-tired earth-moving equipment operator,
operating equipment with push-pull system (single engine,
Caterpillar, Euclid, Athey Wagon and similar types with any
and all attachments over 25 yds. and up to and including 50
yds. struck); Rubber-tired earth-moving equipment operator,
operating equipment with push-pull system (multiple
engine-up to and including 25 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator,
operating equipment with push-pull system (single engine,
over 50 yds. struck); Rubber-tired earth-moving equipment
operator, operating equipment with push-pull system
(multiple engine, Euclid, Caterpillar and similar, over 25
yds. and up to 50 yds. struck)

GROUP 17: Rubber-tired earth-moving equipment operator,
operating equipment with push-pull system (multiple engine,
Euclid, Caterpillar and similar, over 50 cu. yds. struck);
Tandem tractor operator (operating crawler type tractors in
tandem - Quad 9 and similar type)

GROUP 18: Rubber-tired earth-moving equipment operator,
operating in tandem (scrapers, belly dumps and similar
types in any combination, excluding compaction units -
single engine, up to and including 25 yds. struck)

GROUP 19: Rotex concrete belt operator (or similar types);
Rubber-tired earth-moving equipment operator, operating in
tandem (scrapers, belly dumps and similar types in any
combination, excluding compaction units - single engine,
Caterpillar, Euclid, Athey Wagon and similar types with any
and all attachments over 25 yds. and up to and including 50
cu. yds. struck); Rubber-tired earth-moving equipment
operator, operating in tandem (scrapers, belly dumps and
similar types in any combination, excluding compaction
units - multiple engine, up to and including 25 yds. struck)

GROUP 20: Rubber-tired earth-moving equipment operator,
operating in tandem (scrapers, belly dumps and similar
types in any combination, excluding compaction units -
single engine, over 50 yds. struck); Rubber-tired
earth-moving equipment operator, operating in tandem
(scrapers, belly dumps, and similar types in any
combination, excluding compaction units - multiple engine,
Euclid, Caterpillar and similar, over 25 yds. and up to 50
yds. struck)

GROUP 21: Rubber-tired earth-moving equipment operator,
operating in tandem (scrapers, belly dumps and similar
types in any combination, excluding compaction units -
multiple engine, Euclid, Caterpillar and similar type, over
50 cu. yds. struck)

GROUP 22: Rubber-tired earth-moving equipment operator,
operating equipment with the tandem push-pull system

(single engine, up to and including 25 yds. struck)

GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)

GROUP 24: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25: Concrete pump operator-truck mounted; Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

GROUP 2: Truck crane oiler

GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)

GROUP 4: Bridge-type unloader and turntable operator; Helicopter hoist operator

GROUP 5: Hydraulic boom truck; Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)

GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material hoist and/or manlift operator; Polar gantry crane operator; Self Climbing scaffold (or similar type); Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)

GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds., M.R.C.)

GROUP 9: Crane operator (over 25 tons and up to and including

50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator; Self erecting tower crane operator maximum lifting capacity ten tons

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc), Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower crane operator and tower gantry

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)

GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; Loader operator (Athey, Euclid, Sierra and similar types); Mucking machine operator (1/4 yd., rubber-tired, rail or track type); Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pneumatic heading shield (tunnel); Pumpcrete gun operator; Tractor compressor drill combination operator; Tugger hoist operator (2 drum); Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy Duty Repairman

GROUP 7: Tunnel mole boring machine operator

ENGINEERS ZONES

\$1.00 additional per hour for all of IMPERIAL County and the portions of KERN, RIVERSIDE & SAN BERNARDINO Counties as defined below:

That area within the following Boundary: Begin in San Bernardino County, approximately 3 miles NE of the intersection of I-15 and the California State line at that point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Continue W in a straight line to that point which is the SW corner of the northwest quarter of Section 6, T27S, R42E, Mt. Diablo Meridian. Continue North to the intersection with the Inyo County Boundary at that point which is the NE corner of the western half of the northern quarter of Section 6, T25S, R42E, MDM. Continue W along the Inyo and San Bernardino County boundary until the intersection with Kern County, as that point which is the SE corner of Section 34, T24S, R40E, MDM. Continue W along the Inyo and Kern County boundary until the intersection with Tulare County, at that point which is the SW corner of the SE quarter of Section 32, T24S, R37E, MDM. Continue W along the Kern and Tulare County boundary, until that point which is the NW corner of T25S, R32E, MDM. Continue S following R32E lines to the NW corner of T31S, R32E, MDM. Continue W to the NW corner of T31S, R31E, MDM. Continue S to the SW corner of T32S, R31E, MDM. Continue W to SW corner of SE quarter of Section 34, T32S, R30E, MDM. Continue S to SW corner of T11N, R17W, SBM. Continue E along south boundary of T11N, SBM to SW corner of T11N, R7W, SBM. Continue S to SW corner of T9N, R7W, SBM. Continue E along south boundary of T9N, SBM to SW corner of T9N, R1E, SBM. Continue S along west boundary of R1E, SBM to Riverside County line at the SW corner of T1S, R1E, SBM. Continue E along south boundary of T1S, SBM (Riverside County Line) to SW corner of T1S, R10E, SBM. Continue S along west boundary of R10E, SBM to Imperial County line at the SW corner of T8S, R10E, SBM. Continue W along Imperial and Riverside county line to NW corner of T9S, R9E, SBM. Continue S along the boundary between Imperial and San Diego Counties, along the west edge of R9E, SBM to the south boundary of Imperial County/California state line. Follow the California state line west to Arizona state line, then north to Nevada state line, then continuing NW back to start at the point which is the NW corner of Section 1, T17N, R14E, SBM

\$1.00 additional per hour for portions of SAN LUIS OBISPO, KERN, SANTA BARBARA & VENTURA as defined below:

That area within the following Boundary: Begin approximately 5 miles north of the community of Cholame, on the Monterey County and San Luis Obispo County boundary at the NW corner of T25S, R16E, Mt. Diablo Meridian. Continue south along the west side of R16E to the SW corner of T30S, R16E, MDM. Continue E to SW corner of T30S, R17E, MDM. Continue S to SW corner of T31S, R17E, MDM. Continue E to SW corner of T31S, R18E, MDM.

Continue S along West side of R18E, MDM as it crosses into San Bernardino Meridian numbering area and becomes R30W. Follow the west side of R30W, SBM to the SW corner of T9N, R30W, SBM. Continue E along the south edge of T9N, SBM to the Santa Barbara County and Ventura County boundary at that point which is the SW corner of Section 34. T9N, R24W, SBM, continue S along the Ventura County line to that point which is the SW corner of the SE quarter of Section 32, T7N, R24W, SBM. Continue E along the south edge of T7N, SBM to the SE corner to T7N, R21W, SBM. Continue N along East side of R21W, SBM to Ventura County and Kern County boundary at the NE corner of T8N, R21W. Continue W along the Ventura County and Kern County boundary to the SE corner of T9N, R21W. Continue North along the East edge of R21W, SBM to the NE corner of T12N, R21W, SBM. Continue West along the north edge of T12N, SBM to the SE corner of T32S, R21E, MDM. [T12N SBM is a think strip between T11N SBM and T32S MDM]. Continue North along the East side of R21E, MDM to the Kings County and Kern County border at the NE corner of T25S, R21E, MDM, continue West along the Kings County and Kern County Boundary until the intersection of San Luis Obispo County. Continue west along the Kings County and San Luis Obispo County boundary until the intersection with Monterey County. Continue West along the Monterey County and San Luis Obispo County boundary to the beginning point at the NW corner of T25S, R16E, MDM.

\$2.00 additional per hour for INYO and MONO Counties and the Northern portion of SAN BERNARDINO County as defined below:

That area within the following Boundary: Begin at the intersection of the northern boundary of Mono County and the California state line at the point which is the center of Section 17, T10N, R22E, Mt. Diablo Meridian. Continue S then SE along the entire western boundary of Mono County, until it reaches Inyo County at the point which is the NE corner of the Western half of the NW quarter of Section 2, T8S, R29E, MDM. Continue SSE along the entire western boundary of Inyo County, until the intersection with Kern County at the point which is the SW corner of the SE ¼ of Section 32, T24S, R37E, MDM. Continue E along the Inyo and Kern County boundary until the intersection with San Bernardino County at that point which is the SE corner of section 34, T24S, R40E, MDM. Continue E along the Inyo and San Bernardino County boundary until the point which is the NE corner of the Western half of the NW quarter of Section 6, T25S, R42E, MDM. Continue S to that point which is the SW corner of the NW quarter of Section 6, T27S, R42E, MDM. Continue E in a straight line to the California and Nevada state border at the point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Then continue NW along the state line to the starting point, which is the center of Section 18, T10N, R22E, MDM.

REMAINING AREA NOT DEFINED ABOVE RECIEVES BASE RATE

 ENGI0012-004 08/01/2009

Rates

Fringes

OPERATOR: Power Equipment
(DREDGING)

(1) Leverman.....	\$ 44.83	17.22
(2) Dredge dozer.....	\$ 40.36	17.22
(3) Deckmate.....	\$ 40.25	17.22
(4) Winch operator (stern winch on dredge).....	\$ 39.70	17.22
(5) Fireman-Oiler, Deckhand, Bargeman, Leveehand.....	\$ 39.16	17.22
(6) Barge Mate.....	\$ 39.77	17.22

IRON0002-004 07/01/2010

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 26.58	15.26
Ornamental, Reinforcing and Structural.....	\$ 33.00	23.73

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval
Reserve-Niland,
Edwards AFB, Fort Irwin Military Station, Fort Irwin Training
Center-Goldstone, San Clemente Island, San Nicholas Island,
Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine
Base - Barstow, U.S. Naval Air Facility - Seale, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base,
Naval Post Graduate School - Monterey, Yermo Marine Corps
Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

LABO0300-001 09/01/2010

	Rates	Fringes
Brick Tender.....	\$ 27.17	12.40

LABO0300-003 07/01/2010

	Rates	Fringes
LABORER (GUNITE)		
GROUP 1.....	\$ 30.04	14.20
GROUP 2.....	\$ 29.09	14.20
GROUP 3.....	\$ 25.55	14.20
LABORER (TUNNEL)		
GROUP 1.....	\$ 31.24	12.51
GROUP 2.....	\$ 31.56	12.51

GROUP 3.....	\$ 32.02	12.51
GROUP 4.....	\$ 32.71	12.51
LABORER		
GROUP 1.....	\$ 26.33	16.00
GROUP 2.....	\$ 26.88	16.00
GROUP 3.....	\$ 27.43	16.00
GROUP 4.....	\$ 28.98	16.00
GROUP 5.....	\$ 29.33	16.00

FOOTNOTE: GUNITE PREMIUM PAY: Workers working from a Bosn'n's Chair or suspended from a rope or cable shall receive 40 cents per hour above the foregoing applicable classification rates. Workers doing gunite and/or shotcrete work in a tunnel shall receive 35 cents per hour above the foregoing applicable classification rates, paid on a portal-to-portal basis. Any work performed on, in or above any smoke stack, silo, storage elevator or similar type of structure, when such structure is in excess of 75'-0" above base level and which work must be performed in whole or in part more than 75'-0" above base level, that work performed above the 75'-0" level shall be compensated for at 35 cents per hour above the applicable classification wage rate.

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete screeding for rough strike-off; Concrete, water curing; Demolition laborer, the cleaning of brick if performed by a worker performing any other phase of demolition work, and the cleaning of lumber; Fire watcher, limber, brush loader, piler and debris handler; Flag person; Gas, oil and/or water pipeline laborer; Laborer, asphalt-rubber material loader; Laborer, general or construction; Laborer, general clean-up; Laborer, landscaping; Laborer, jetting; Laborer, temporary water and air lines; Material hose operator (walls, slabs, floors and decks); Plugging, filling of shee bolt holes; Dry packing of concrete; Railroad maintenance, repair track person and road beds; Streetcar and railroad construction track laborers; Rigging and signaling; Scaler; Slip form raiser; Tar and mortar; Tool crib or tool house laborer; Traffic control by any method; Window cleaner; Wire mesh pulling - all concrete pouring operations

GROUP 2: Asphalt shoveler; Cement dumper (on 1 yd. or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute handler, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundation, footings, curbs, gutters and sidewalks; Concrete curer, impervious membrane and form oiler; Cutting torch operator (demolition); Fine grader, highways and street paving, airport, runways and similar type heavy construction; Gas, oil and/or water pipeline wrapper - pot tender and form person; Guinea chaser; Headerboard person - asphalt; Laborer, packing rod steel and pans; Membrane vapor barrier installer; Power broom sweeper (small); Riprap stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Sandblaster (pot tender); Septic tank digger and installer(lead); Tank scaler and cleaner; Tree climber, faller, chain saw

operator, Pittsburgh chipper and similar type brush shredder; Underground laborer, including caisson bellow

GROUP 3: Buggymobile person; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2-1/2 ft. drill steel or longer; Dri-pak-it machine; Gas, oil and/or water pipeline wrapper, 6-in. pipe and over, by any method, inside and out; High scaler (including drilling of same); Hydro seeder and similar type; Impact wrench multi-plate; Kettle person, pot person and workers applying asphalt, lay-kold, creosote, lime caustic and similar type materials ("applying" means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operator of pneumatic, gas, electric tools, vibrating machine, pavement breaker, air blasting, come-alongs, and similar mechanical tools not separately classified herein; Pipelayer's backup person, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rock slinger; Rotary scarifier or multiple head concrete chipping scarifier; Steel headerboard and guideline setter; Tamper, Barko, Wacker and similar type; Trenching machine, hand-propelled

GROUP 4: Asphalt raker, lute person, ironer, asphalt dump person, and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), grinder or sander; Concrete saw person, cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Head rock slinger; Laborer, asphalt- rubber distributor boot person; Laser beam in connection with laborers' work; Oversize concrete vibrator operator, 70 lbs. and over; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid gas, air, or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No-joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzle person), water blasting, Porta Shot-Blast

GROUP 5: Blaster powder, all work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller: All power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power; Toxic waste removal

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Batch plant laborer; Bull gang mucker, track person; Changehouse person; Concrete crew, including rodder and spreader; Dump person; Dump person (outside); Swamper (brake person and switch person on tunnel work); Tunnel materials handling person

GROUP 2: Chucktender, cabletender; Loading and unloading agitator cars; Nipper; Pot tender, using mastic or other materials (for example, but not by way of limitation, shotcrete, etc.); Vibrator person, jack hammer, pneumatic tools (except driller)

GROUP 3: Blaster, driller, powder person; Chemical grout jet person; Cherry picker person; Grout gun person; Grout mixer person; Grout pump person; Jackleg miner; Jumbo person; Kemper and other pneumatic concrete placer operator; Miner, tunnel (hand or machine); Nozzle person; Operating of troweling and/or grouting machines; Powder person (primer house); Primer person; Sandblaster; Shotcrete person; Steel form raiser and setter; Timber person, retimber person, wood or steel; Tunnel Concrete finisher

GROUP 4: Diamond driller; Sandblaster; Shaft and raise work

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Rodmen, Nozzlemen

GROUP 2: Gunmen

GROUP 3: Reboundmen

LABO0300-008 08/05/2009

	Rates	Fringes
LABORER		
PLASTER CLEAN-UP LABORER....	\$ 26.65	15.95
PLASTER TENDER.....	\$ 29.20	15.95

Work at Military Bases - \$3.00 additional per hour:

Coronado Naval Amphibious Base, Fort Irwin, Marine Corps Air Station-29 Palms, Imperial Beach Naval Air Station, Marine Corps Logistics Supply Base, Marine Corps Pickle Meadows, Mountain Warfare Training Center, Naval Air Facility-Seeley, North Island Naval Air Station, Vandenberg AFB.

LABO0882-002 01/01/2010

	Rates	Fringes
Asbestos Removal Laborer.....	\$ 26.15	11.65

SCOPE OF WORK: Includes site mobilization, initial site cleanup, site preparation, removal of asbestos-containing material and toxic waste, encapsulation, enclosure and disposal of asbestos- containing materials and toxic waste by hand or with equipment or machinery; scaffolding, fabrication of temporary wooden barriers and assembly of decontamination stations.

LABO1184-001 07/01/2010

	Rates	Fringes
Laborers: (HORIZONTAL DIRECTIONAL DRILLING)		
(1) Drilling Crew Laborer...	\$ 27.05	11.65
(2) Vehicle Operator/Hauler.	\$ 27.22	11.65
(3) Horizontal Directional Drill Operator.....	\$ 29.07	11.65
(4) Electronic Tracking Locator.....	\$ 31.07	11.65
Laborers: (STRIPING/SLURRY SEAL)		
GROUP 1.....	\$ 28.50	14.56
GROUP 2.....	\$ 29.80	14.56
GROUP 3.....	\$ 31.81	14.56
GROUP 4.....	\$ 33.55	14.56

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

PAIN0036-001 01/01/2011

	Rates	Fringes
Painters: (Including Lead Abatement)		
(1) Repaint (excludes San Diego County).....	\$ 26.05	10.08
(2) All Other Work.....	\$ 29.32	10.08

REPAINT of any previously painted structure. Exceptions:
work involving the aerospace industry, breweries,
commercial recreational facilities, hotels which operate
commercial establishments as part of hotel service, and
sports facilities.

PAIN0036-008 01/05/2011

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 33.22	12.94

PAIN0036-015 01/01/2011

	Rates	Fringes
GLAZIER.....	\$ 36.90	21.78

FOOTNOTE: Additional \$1.25 per hour for work in a condor,
from the third (3rd) floor and up Additional \$1.25 per
hour for work on the outside of the building from a swing
stage or any suspended contrivance, from the ground up

PAIN1247-002 01/01/2010

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 30.85	10.54

PLAS0200-008 08/04/2010

	Rates	Fringes
PLASTERER.....	\$ 30.21	14.23

FORT IRWIN; MARINE CORPS AIR STATION 29 PALMS, AND MARINE
CORPS LOGISTICS SUPPLY BASE: \$3.00 additional per hour.

PLAS0500-002 07/01/2010

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 29.50	19.85

PLUM0016-002 07/01/2010

	Rates	Fringes
PLUMBER, PIPEFITTER, STEAMFITTER (1) Work on strip malls, light commercial, tenant improvement and remodel work.....	\$ 30.32	14.98
(2) Work on new additions and remodeling of bars, restaurants, stores and commercial buildings, not to exceed 5,000 sq. ft. of		

floor space.....	\$ 37.74	16.66
(3) All other work.....	\$ 38.92	17.64
(4) Work at Edwards AFB....	\$ 43.42	17.64
(5) Work at Fort Irwin Army Base, Marine Corps Logistic Base at Nebo, Marine Corps Logistic Base at Yermo and Twenty-Nine Palms Marine Base.....	\$ 45.92	17.64

PLUM0345-001 07/01/2010

	Rates	Fringes
PLUMBER		
Landscape/Irrigation Fitter..	\$ 27.35	14.59
Sewer & Storm Drain Work....	\$ 26.43	16.47

ROOF0036-002 08/01/2010

	Rates	Fringes
ROOFER.....	\$ 34.65	9.07

FOOTNOTE: Pitch premium: Work on which employees are exposed to pitch fumes or required to handle pitch, pitch base or pitch impregnated products, or any material containing coal tar pitch, the entire roofing crew shall receive \$1.75 per hour "pitch premium" pay.

SFCA0669-009 04/01/2011

Does not include the northern part of the City of Chino, or the Cities of Montclair and Ontario

	Rates	Fringes
SPRINKLER FITTER.....	\$ 33.35	17.75

SFCA0709-004 01/01/2011

THE NORTHERN PART OF THE CITY OF CHINO, AND THE CITIES OF MONTCLAIR AND ONTARIO:

	Rates	Fringes
SPRINKLER FITTER (Fire).....	\$ 40.98	23.15

SHEE0105-003 01/01/2011

LOS ANGELES (South of a straight line drawn between Gorman and Big Pines) and Catalina Island, INYO, KERN (Northeast part, East of Hwy 395), MONO ORANGE, RIVERSIDE, AND SAN BERNARDINO COUNTIES

	Rates	Fringes
SHEET METAL WORKER		

(1) Commercial - New
Construction and Remodel
work.....\$ 42.54 17.87

(2) Industrial work
including air pollution
control systems, noise
abatement, hand rails,
guard rails, excluding
aritecttural sheet metal
work, excluding A-C,
heating, ventilating
systems for human comfort...\$ 36.92 23.79

TEAM0011-002 07/01/2008

	Rates	Fringes
TRUCK DRIVER		
GROUP 1.....	\$ 26.44	18.24
GROUP 2.....	\$ 26.59	18.24
GROUP 3.....	\$ 26.72	18.24
GROUP 4.....	\$ 26.91	18.24
GROUP 5.....	\$ 26.94	18.24
GROUP 6.....	\$ 26.97	18.24
GROUP 7.....	\$ 27.22	18.24
GROUP 8.....	\$ 27.47	18.24
GROUP 9.....	\$ 27.67	18.24
GROUP 10.....	\$ 27.97	18.24
GROUP 11.....	\$ 28.47	18.24
GROUP 12.....	\$ 28.90	18.24

WORK ON ALL MILITARY BASES:

PREMIUM PAY: \$3.00 per hour additional.

[29 palms Marine Base, Camp Roberts, China Lake, Edwards AFB,
El Centro Naval Facility, Fort Irwin, Marine Corps
Logistics Base at Nebo & Yermo, Mountain Warfare Training
Center, Bridgeport, Point Arguello, Point Conception,
Vandenberg AFB]

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Truck driver

GROUP 2: Driver of vehicle or combination of vehicles - 2
axles; Traffic control pilot car excluding moving heavy
equipment permit load; Truck mounted broom

GROUP 3: Driver of vehicle or combination of vehicles - 3
axles; Boot person; Cement mason distribution truck; Fuel
truck driver; Water truck - 2 axle; Dump truck, less than
16 yds. water level; Erosion control driver

GROUP 4: Driver of transit mix truck, under 3 yds.; Dumpcrete
truck, less than 6-1/2 yds. water level

GROUP 5: Water truck, 3 or more axles; Truck greaser and tire
person (\$0.50 additional for tire person); Pipeline and
utility working truck driver, including winch truck and

plastic fusion, limited to pipeline and utility work;
Slurry truck driver

GROUP 6: Transit mix truck, 3 yds. or more; Dumpcrete truck, 6-1/2 yds. water level and over; Vehicle or combination of vehicles - 4 or more axles; Oil spreader truck; Dump truck, 16 yds. to 25 yds. water level

GROUP 7: A Frame, Swedish crane or similar; Forklift driver; Ross carrier driver

GROUP 8: Dump truck, 25 yds. to 49 yds. water level; Truck repair person; Water pull - single engine; Welder

GROUP 9: Truck repair person/welder; Low bed driver, 9 axles or over

GROUP 10: Dump truck - 50 yds. or more water level; Water pull - single engine with attachment

GROUP 11: Water pull - twin engine; Water pull - twin engine with attachments; Winch truck driver - \$1.25 additional when operating winch or similar special attachments

GROUP 12: Boom Truck 17K and above

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted

because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

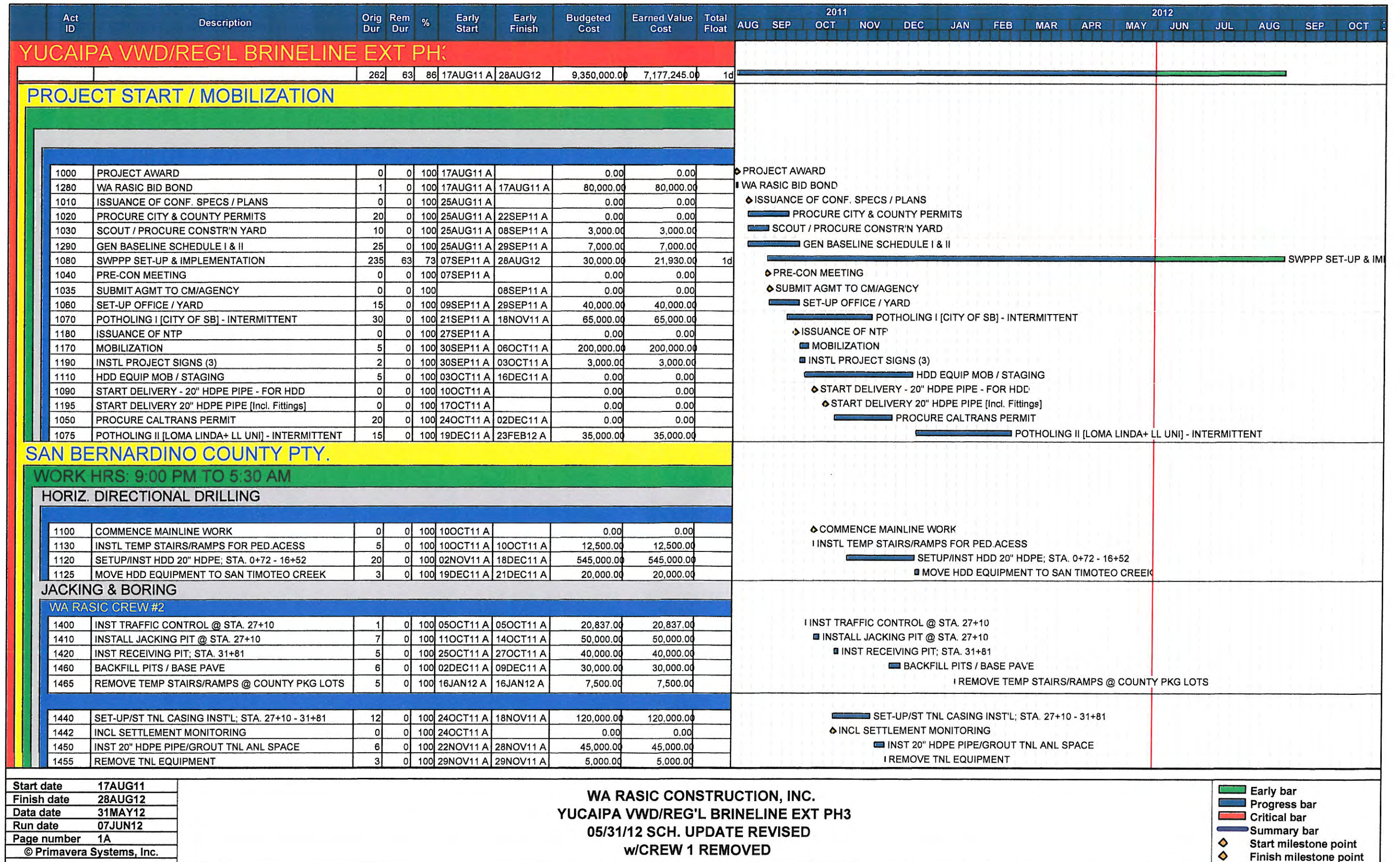
4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

SCHEDULE

4



Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012										
										AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
20" HDPE PIPE INST'N & TESTING																									
WA RASIC CREW #1																									
1230	INST TRAFFIC CONTROL @ STA 16+52	2	0	100	17OCT11 A	16DEC11 A	20,833.00	20,833.00		INST TRAFFIC CONTROL @ STA 16+52															
1240	EXCV/SHORE 20" HDPE; STA. 16+52 - 27+10	13	0	100	17OCT11 A	27DEC11 A	65,684.00	65,684.00		EXCV/SHORE 20" HDPE; STA. 16+52 - 27+10															
1250	LAY/FUSE 20" HDPE PIPE; STA. 16+52 - 27+10	13	0	100	17OCT11 A	27DEC11 A	118,320.00	118,320.00		LAY/FUSE 20" HDPE PIPE; STA. 16+52 - 27+10															
1260	B'FILL/COMP/BSE PAVE HDPE; STA. 16+52 - 27+	13	0	100	18OCT11 A	09JAN12 A	26,735.00	26,735.00		B'FILL/COMP/BSE PAVE HDPE; STA. 16+52 - 27+10															
1270	COMP WORK IN SBCO PTY NLT 1/15/12	0	0	100		15JAN12 A	0.00	0.00		COMP WORK IN SBCO PTY NLT 1/15/12															
WA RASIC CREW #3																									
1200	EXCV/SHORE 20" HDPE; STA. 0+11 - 0+72	8	0	100	01MAY12 A	07MAY12 A	4,284.00	4,284.00		EXCV/SHORE 20" HDPE; STA. 0+11 - 0+72															
1210	CONN, LAY & FUSE 20" HDPE; STA. 0+11 - 0+72	8	0	100	02MAY12 A	07MAY12 A	9,000.00	9,000.00		CONN, LAY & FUSE 20" HDPE; STA. 0+11 - 0+72															
1220	B'FILL/COMP/BSE PAVE HDPE PIPE; STA. 0+11 - 0+72	3	0	100	09MAY12 A	15MAY12 A	1,569.00	1,569.00		B'FILL/COMP/BSE PAVE HDPE PIPE; STA. 0+11 - 0+72															
INST'N OF APPURTENANCES																									
WA RASIC CREW #1																									
1330	INSTL 6" DRAIN @ STA. 25+76	3	0	100	01NOV11 A	03NOV11 A	11,500.00	11,500.00		INSTL 6" DRAIN @ STA. 25+76															
1320	INSTL 4" AIR VALVE @ STA. 24+96	5	0	100	03NOV11 A	09NOV11 A	14,500.00	14,500.00		INSTL 4" AIR VALVE @ STA. 24+96															
1305	INSTL MH @ STA. 16+58 (Installed @ STA 17+30)	5	0	100	29DEC11 A	29DEC11 A	12,000.00	12,000.00		INSTL MH @ STA. 16+58 (Installed @ STA 17+30)															
1310	INSTL MH @ STA. 21+09 (Deleted)	5	0	100	29DEC11 A	29DEC11 A	12,000.00	12,000.00		INSTL MH @ STA. 21+09 (Deleted)															
WA RASIC CREW #3																									
1300	INSTL MH @ STA. 0+71.81	5	0	100	07MAY12 A	08MAY12 A	12,000.00	12,000.00		INSTL MH @ STA. 0+71.81															
METER MH / FLOW METER STR / ELECTRICAL																									
WA RASIC CREW #3																									
5920	INSTL METERING MH's (2) & APPURT. (Incl. Vents)	10	0	100	16APR12 A	07MAY12 A	38,000.00	38,000.00		INSTL METERING MH's (2) & APPURT. (Incl. Vents)															
5930	BACKFILL/COMPACT AT METER MH's	7	0	100	08MAY12 A	15MAY12 A	17,350.00	17,350.00		BACKFILL/COMPACT AT METER MH's															
5940	TRENCH/INSTL ELECT D/B BET. MET MH / FLOWMTR	5	5	0	31MAY12	06JUN12	7,500.00	0.00	24d	TRENCH/INSTL ELECT D/B BET. MET MH / FLOWMTR															
5900	START WORK - METERING STRUCT. @ ~ STA. 0+48	0	0	0	31MAY12		0.00	0.00	57d	START WORK - METERING STRUCT. @ ~ STA. 0+48															
5910	SET-UP / INST METERING PEDESTALS	7	7	0	31MAY12	08JUN12	5,000.00	0.00	57d	SET-UP / INST METERING PEDESTALS															
5950	INSTL ELECTRICAL @ METER/FLOWMETER STR &	20	20	0	28JUN12	26JUL12	62,150.00	0.00	9d	INSTL ELECTRICAL @ METER/FLOWMETER STR &															
CITY OF SAN BERNARDINO																									
WORK HRS: 8:30 AM TO 3:30 PM																									
JACKING & BORING																									
WA RASIC CREW #2																									
1470	INST TRAFFIC CONTROL @ STA 100+05	2	0	100	03JAN12 A	04JAN12 A	20,833.00	20,833.00		INST TRAFFIC CONTROL @ STA 100+05															
1530	INST JACKING PIT @ STA. 100+05 [CT ROW]	6	0	100	09JAN12 A	18JAN12 A	50,000.00	50,000.00		INST JACKING PIT @ STA. 100+05 [CT ROW]															
1535	INST REC'G PIT @ STA. 104+69 [CT ROW]	5	0	100	30JAN12 A	03FEB12 A	40,000.00	40,000.00		INST REC'G PIT @ STA. 104+69 [CT ROW]															
1560	BACKFILL PITS & BASE PAVE [CT ROW]	6	0	100	20FEB12 A	07MAR12 A	30,000.00	30,000.00		BACKFILL PITS & BASE PAVE [CT ROW]															
1480	NOTIFY CITY OF SAN BERNARDINO OF WORK START	0	0	100	01DEC11 A		0.00	0.00		NOTIFY CITY OF SAN BERNARDINO OF WORK START															
1520	CALTRANS ROW PERMIT REQ'D [FLAG]	0	0	100	05DEC11 A		0.00	0.00		CALTRANS ROW PERMIT REQ'D [FLAG]															
1542	INCL SETTLEMENT MONITORING	0	0	100	06JAN12 A		0.00	0.00		INCL SETTLEMENT MONITORING															
1540	SET-UP/INST TNL CASING; STA. 100+05 - 104+69	13	0	100	18JAN12 A	07FEB12 A	130,000.00	130,000.00		SET-UP/INST TNL CASING; STA. 100+05 - 104+69															
1545	REMOVE TNL EQUIPMENT	3	0	100	08FEB12 A	08FEB12 A	5,000.00	5,000.00		REMOVE TNL EQUIPMENT															
1550	INST 20" HDPE PIPE/GROUT ANL SPACE	5	0	100	08FEB12 A	17FEB12 A	35,000.00	35,000.00		INST 20" HDPE PIPE/GROUT ANL SPACE															
20" HDPE PIPE INST'N & TESTING																									
WA RASIC CREW #1																									
1600	INST TRAFFIC CONTROL BTW STA 31+81 - 36+38	2	0	100	06DEC11 A	06DEC11 A	20,833.00	20,833.00		INST TRAFFIC CONTROL BTW STA 31+81 - 36+38															
1610	EXCV/SHORE 20" HDPE; STA. 31+81 - 36+38	6	0	100	06DEC11 A	12DEC11 A	28,558.00	28,558.00		EXCV/SHORE 20" HDPE; STA. 31+81 - 36+38															
1620	LAY/FUSE 20" HDPE PIPE; STA. 31+81 - 36+38	6	0	100	06DEC11 A	12DEC11 A	51,444.00	51,444.00		LAY/FUSE 20" HDPE PIPE; STA. 31+81 - 36+38															
1630	B'FILL/COMP/1.25" CND/BSE PVE; STA. 31+81 - 36+38	6	0	100	06DEC11 A	30DEC11 A	14,124.00	14,124.00		B'FILL/COMP/1.25" CND/BSE PVE; STA. 31+81 - 36+38															
1710	EXCV/SHORE 20" HDPE PIPE; STA. 40+84 - 60+00	22	0	100	12DEC11 A	09FEB12 A	118,516.00	118,516.00		EXCV/SHORE 20" HDPE PIPE; STA. 40+84 - 60+00															
1720	LAY/FUSE 20" HDPE PIPE; STA. 40+84 - 60+00	22	0	100	12DEC11 A	09FEB12 A	216,063.00	216,063.00		LAY/FUSE 20" HDPE PIPE; STA. 40+84 - 60+00															
1750	EXCV/SHORE 20" HDPE LINE; STA. 60+00 - 80+00	22	0	100	20DEC11 A	12JAN12 A	124,228.00	124,228.00		EXCV/SHORE 20" HDPE LINE; STA. 60+00 - 80+00															

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012									
										AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1700	INST TRAFFIC CONTROL BTW STA. 40+84 - 93+50	2	0	100	21DEC11 A	22DEC11 A	20,833.00	20,833.00		■ INST TRAFFIC CONTROL BTW STA. 40+84 - 93+5														
1760	LAY/FUSE 20" HDPE PIPE; STA. 60+00 - 80+00	22	0	100	21DEC11 A	12JAN12 A	225,066.00	225,066.00		■ LAY/FUSE 20" HDPE PIPE; STA. 60+00 - 80+00														
1730	B'FILL/COMP/1.25" CND/BSE PVE; STA.40+84 - 60+00	22	0	100	22DEC11 A	14FEB12 A	58,820.00	58,820.00		■ B'FILL/COMP/1.25" CND/BSE PVE; STA.40+84 - 60+00														
1770	B'FILL/COMP/1.25" CND/BSE PVE; STA.60+00 - 80+00	22	0	100	23DEC11 A	13JAN12 A	70,000.00	70,000.00		■ B'FILL/COMP/1.25" CND/BSE PVE; STA.60+00 - 80+00														
1640	TEST 20" HDPE PIPE; STA. 16+52 - 36+38	3	0	100	04JAN12 A	04JAN12 A	4,038.00	4,038.00		■ TEST 20" HDPE PIPE; STA. 16+52 - 36+38														
1800	EXCV/SHORE 20" HDPE PIPE; STA. 80+00 - 93+50	16	0	100	13JAN12 A	27JAN12 A	82,818.00	82,818.00		■ EXCV/SHORE 20" HDPE PIPE; STA. 80+00 - 93+50														
1810	LAY/FUSE 20" HDPE PIPE; STA. 80+00 - 93+50	16	0	100	13JAN12 A	27JAN12 A	151,759.00	0.00		■ LAY/FUSE 20" HDPE PIPE; STA. 80+00 - 93+50														
1820	B'FILL/COMP/1.25" CND/BSE PVE; STA.80+00 - 93+50	16	0	100	17JAN12 A	30JAN12 A	51,785.00	51,785.00		■ B'FILL/COMP/1.25" CND/BSE PVE; STA.80+00 - 93+50														
1780	TEST 20" HDPE LINE; STA. 60+00 - 80+00	3	0	100	22FEB12 A	23FEB12 A	4,038.00	4,038.00		■ TEST 20" HDPE LINE; STA. 60+00 - 80+00														
1740	TEST 20" HDPE LINE; STA. 40+84 - 60+00	3	0	100	27FEB12 A	27FEB12 A	4,038.00	4,038.00		■ TEST 20" HDPE LINE; STA. 40+84 - 60+00														
INST'N OF APPURTENANCES																								
WA RASIC CREW #1																								
1830	INSTL MH @ STA. 31+87	5	0	100	09DEC11 A	09DEC11 A	12,000.00	12,000.00		■ INSTL MH @ STA. 31+87														
1850	INSTL 6" DRAIN @ STA. 36+21	3	0	100	14DEC11 A	29FEB12 A	11,500.00	11,500.00		■ INSTL 6" DRAIN @ STA. 36+21														
1880	INSTL MH @ STA. 58+30	5	0	100	20DEC11 A	21DEC11 A	12,000.00	12,000.00		■ INSTL MH @ STA. 58+30														
1840	INSTL 4" AIR VALVE @ STA. 35+22	5	0	100	27DEC11 A	29DEC11 A	14,500.00	14,500.00		■ INSTL 4" AIR VALVE @ STA. 35+22														
1890	INSTL MH @ STA. 67+00	5	0	100	28DEC11 A	29DEC11 A	12,000.00	12,000.00		■ INSTL MH @ STA. 67+00														
2110	INSTL MH @ STA. 77+00	5	0	100	12JAN12 A	12JAN12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 77+00														
2120	INSTL MH @ STA. 85+80	5	0	100	20JAN12 A	20JAN12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 85+80														
1860	INSTL MH @ STA. 42+00	5	0	100	03FEB12 A	04FEB12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 42+00														
1870	INSTL MH @ STA. 51+45	5	0	100	13FEB12 A	29FEB12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 51+45														
2100	INSTL 4" AIR VALVE @ STA. 71+45	5	0	100	21FEB12 A	22FEB12 A	14,500.00	14,500.00		■ INSTL 4" AIR VALVE @ STA. 71+45														
GRIND & CAP																								
WAR PAVING CREW																								
1790	GRIND & CAP; STA. 16+52 - 60+00 [AS APPL.]	5	0	100	08MAR12 A	08MAR12 A	30,000.00	30,000.00		■ GRIND & CAP; STA. 16+52 - 60+00 [AS APPL.]														
1795	GRND & CAP; STA. 60+00 - 93+50	5	0	100	08MAR12 A	08MAR12 A	46,339.00	46,339.00		■ GRND & CAP; STA. 60+00 - 93+50														
CITY OF LOMA LINDA																								
WORK HRS: 7:00 AM TO 4:00 PM																								
HORIZ. DIRECTIONAL DRILLING																								
1140	NOTIFY CITY OF LOMA LINDA OF WORK START	0	0	100	22DEC11 A		0.00	0.00		◆ NOTIFY CITY OF LOMA LINDA OF WORK START														
1150	SETUP/INST 20" HDD; STA. 262+10 - 269+38 [SOUTH]	15	0	100	04JAN12 A	09MAR12 A	245,000.00	245,000.00		■ SETUP/INST 20" HDD; STA. 262+10 - 269+38 [SOUTH]														
1160	REMOVE HDD EQUIP FROM PROJECT	3	0	100	16MAR12 A	16MAR12 A	20,000.00	20,000.00		■ REMOVE HDD EQUIP FROM PROJECT														
1165	HDD SUB DEMOB FROM PROJECT COMPLETE	0	0	0		30MAY12	0.00	0.00	64d	◆ HDD SUB														

[illegible]

	Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012									
											AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
	9132	REV/APPR SLURRY SEAL MIX DESIGN	10	0	100	27MAR12 A	29MAR12 A	0.00	0.00																
	9294	FAB & DEL PRE-ENG FIBERGLASS ENCLS	20	20	0	31MAY12	27JUN12	0.00	0.00	9d															
	9142	REV/APPR PAVE/STRIPING/MARKING [02600]	10	10	0	19JUN12	02JUL12	0.00	0.00	41d															

■ REV/APPR SLURRY SEAL MIX DESIG

■ FAB & DEL PRE-ENG FIBERGLASS ENCLS

■ REV/APPR PAVE/STRIPING/MARKING [

PHOTOGRAPHS

5

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)**

**CONSTRUCTION PROGRESS REPORT PHOTOS
MAY 2012**



**SETTING FIRST SECTION FOR FLOW METER VAULT
5/1/2012**



**SPARK TESTING SARI LINE IN MANHOLE
5/1/2012**

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)
CONSTRUCTION PROGRESS REPORT PHOTOS
MAY 2012**



**PAVING ON MISSION ROAD
5/2/2012**



**FUSING PIPE AT STATION 222+84
5/4/2012**

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)**

**CONSTRUCTION PROGRESS REPORT PHOTOS
MAY 2012**



**TIE-IN TO SARI LINE
5/9/2012**



**PREPARING TO INSTALL PIPE ON MISSION ROAD
5/11/2012**

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)**

**CONSTRUCTION PROGRESS REPORT PHOTOS
MAY 2012**



**INSTALLING PIPE ON MISSION ROAD
5/17/2012**



**INSTALLING PIPE ON MISSION ROAD
5/18/2012**

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)**

**CONSTRUCTION PROGRESS REPORT PHOTOS
MAY 2012**



**COMPACTING AROUND TRANSITION MANHOLE ON VAN LEUVEN
5/21/2012**



**INSTALLING PIPE ON MISSION ROAD
FROM STATION 241+14 TO 241+44
5/22/2012**

ATTACHMENTS

6

- **MEETING MINUTES**
Progress Meeting No. 12 - May 10, 2012
Progress Meeting No. 13 - May 24, 2012
- **SUBMITTAL LOG**
- **REQUEST FOR INFORMATION LOG**
- **CLARIFICATION LOG**
- **SCHEDULE OF VALUES**

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)**

PROGRESS MEETING NO. 12 MINUTES

TO: ATTENDEES

FILE: 818-63.6.4

FROM: RODNEY S. WOODS, KRIEGER & STEWART *RSW*

MEETING DATE: 5/10/12

OWNER: YUCAIPA VALLEY WATER DISTRICT

TIME: 1:00 PM

CONTRACTOR: W.A. RASIC CONSTRUCTION

ENGINEER: KRIEGER & STEWART

LOCATION: TEMPORARY ONSITE FIELD OFFICE TRAILER

ATTENDANCE: YVWD: Brent Anton
W.A. Rasic: Jeremy Juarez
Jeff Grubb
Jeff Ray
K&S: Patrick Watson
Rodney S. Woods
Pat O'Leary
OTHERS: Kevin Fischer (LLU)

Subject		Action Required By
<u>RECURRING TOPICS</u>		
1.1 Project Schedule		
<ul style="list-style-type: none">Project awarded on 8/17/11 (start date). Original (and still current) Project Completion Dates are as follows:		
<u>Description</u>		<u>Completion Date</u>
1) Completion of Work Within County of San Bernardino Property		1/15/12
2) Completion of All Work		8/31/12
Remaining Contract Time		113 days
<ul style="list-style-type: none">Inclement Weather Days: Seven inclement weather days thus far (11/4/11, 12/12/11, 12/13/11, 1/23/12, 2/15/12, 3/26/12, and 4/11/12). In addition, W.A. Rasic was provided a one day time extension due to MLK holiday and another one day time extension due to damaged gas line that was unknown/unmarked. When considering these extensions, one day from Contract still remains.		

Subject	Action Required By
<ul style="list-style-type: none"> • CPM Construction Schedule/Schedule Update: Need Schedule Update that was supposed to accompany Payment Request No. 7. Discussion regarding W.A. Rasic's outlook. • 3-Week Look Ahead Schedule: Provided by W.A. Rasic at the progress meeting and attached for reference. • Anything by District or K&S to expedite W.A. Rasic's construction schedule? <ol style="list-style-type: none"> 1) Ensure SCE paperwork is submitted. 2) Confirm required number of penetrations in flow meter vault (1" PVC piping). 3) Review W.A. Rasic's submittal of proposed "black" HDPE pipe. See also Item 12.2 herein. 	<p>W.A. RASIC</p> <p>K&S/DISTRICT</p>
<p>1.2 Safety Issues</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status:</u> None.</p>	
<p>1.3 Complaints (from District, Neighbors, or Other Agencies)</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status:</u> Complaint received from HOA along Mission Road (regarding brown grass resulting from 8" RW line being shut down during construction). Has been resolved. Solution was to turn on the 8" RW line on Monday, Tuesday, and Wednesday evenings.</p>	
<p>1.4 Site Security</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status:</u> Someone attempted to steal a traffic plate last Sunday, but police caught them in the act.</p>	

Subject	Action Required By
<p>1.5 RFI</p> <p>All documentation prior to 4/26/12 has been removed. See previous meeting minutes.</p> <p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> • Tie-in to Existing SARI Line - With additional explanation and clarification, SAWPA was agreeable to revised submittal. Base (including T-lock) complete. Flow has resumed in the SARI Line. • 2-Week Shutdown of Existing 8" RW Line - Jeremy advised that W.A. Rasic was keeping the City involved and that the contact with respect to the shutdown is now Greg. No one knows the extent of the irrigation coverage associated with the shutdown; however, the weather has been favorable (especially considering the recent rain). • RFI No. 29 Response - Provided on 4/13/12 and attached for reference. Accuracy deemed acceptable by the design engineer. Doppler Method not required. W.A. Rasic to submit credit proposal for eliminating Doppler Method. <p>* <u>5/10/12 Status:</u> Jeff Grubb advised that elimination of Doppler Method was more expensive. No other RFIs.</p>	
<p style="text-align: center;"><u>OTHER TOPICS</u></p>	
<p>1.11 Funding Agency Requirements</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status:</u></p> <ul style="list-style-type: none"> • Missing I-9s - Still missing 3 I-9s per K&S' 5/8/12 email to W.A. Rasic. Also missing Apprentice Certificate for Jimmy Still. Jeff Grubb advised that a sub-journeyman is not an apprentice, but W.A. Rasic would submit a letter from the union regarding Still. • Comments from USBR Regarding Certified Payroll Packages - Still need clarification from PJU regarding K&S' 5/7/12 email. Also need confirmation from W.A. Rasic regarding its apprentices. Jeff Grubb confirmed that W.A. Rasic has only utilized two apprentices thus far; Lorien has "journeyed-out" and will not be back, but Christian will be back occasionally for deliveries. 	<p>W.A. RASIC</p> <p>W.A. RASIC</p>

Subject	Action Required By
<p>1.13 SWPPP</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status</u>: Need to catch up. Nothing submitted since K&S provided its 3/28/12 comments.</p>	W.A. RASIC
<p>1.15 Pipeline Design Revisions</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status</u>: None.</p>	
<p>1.17 HDD Operations</p> <p>All documentation prior to 3/22/12 has been removed. See previous meeting minutes.</p> <p><u>3/22/12 Status</u>: Operation complete. K&S is not sure where Golden State installed the line near the jacking pit at California Street and Barton Road. Pipe has been cut and end is now plated. Connection from bore and jack operation to HDD operation will likely need to move to the south (since jacking pit was lowered). The manhole will be shifted south to maintain the distance from the VPI.</p> <p><u>4/12/12 Status</u>: Nothing new.</p> <p><u>4/26/12 Status</u>: Discussion regarding telephone call received from T&D Services. Jeremy advised that the check from W.A. Rasic was cut and that it should be mailed today.</p> <p>* <u>5/10/12 Status</u>: Stop Notice from T&D Services is attached for reference. Discussion regarding same. Jeremy advised that W.A. Rasic intends to bond around the stop notice at 125% of the value of the stop notice.</p>	REMINDER
<p>1.20 Work Within Loma Linda University Property</p> <p><u>2/1/12 Status</u>: Jeff Ray advised that W.A. Rasic is currently working on tie-ins and cleanup, but plans to soon test entire section within LLU property.</p>	

Subject	Action Required By
<p><u>2/16/12 Status:</u> W.A. Rasic is currently hauling excess dirt out of the Gage Canal area. Also still installing conduit.</p> <p><u>3/1/12 Status:</u> Nearly complete. Kevin advised that the tree pieces need to be taken to the University's Recycled Yard. Currently, the tree pieces are simply "placed over the fence". W.A. Rasic to ensure the situation is promptly rectified.</p> <p><u>3/22/12 Status:</u> W.A. Rasic, K&S, and LLU will walk the fence alignment tomorrow morning at 9:30 AM.</p> <p><u>4/12/12 Status:</u></p> <ul style="list-style-type: none"> • Tree Pieces - Done. • Fence Alignment - W.A. Rasic does not have a schedule yet. They are obtaining one more quote. If too high, W.A. Rasic will do fence replacement themselves. Kevin advised that the replacement does not need to be completed immediately. All other work within LLU property is complete, except for some continuity testing. <p><u>4/26/12 Status:</u> Schedule not finalized yet. Jeremy advised that W.A. Rasic is likely to utilize ACE Fence (assuming that their quotation included the barbed wire required).</p> <p>* <u>5/10/12 Status:</u> Quotes too high per Jeff Ray. W.A. Rasic likely to do themselves. No schedule yet.</p> <p>Brent advised that Bob is retiring in two to three weeks and that after then, it will be much more difficult to assist W.A. Rasic with continuity testing. Jeff Ray confirmed that they will install "snake pit" shortly so that more testing could be done (within LLU property).</p>	W.A. RASIC
<p>1.23 Conduit Supplied by the City of Loma Linda</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status:</u> Still no issues. This item will be removed from the meeting minutes.</p>	DONE

Subject	Action Required By
<p>1.27 Schedule for Future Progress Meetings</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status</u>: The next meeting is scheduled for 5/24/12 at 1:00 PM.</p>	REMINDER
<p>1.28 City of San Bernardino Concerns</p> <p>All documentation prior to 4/26/12 has been removed. See previous meeting minutes.</p> <p><u>4/26/12 Status</u>: No new issues, except that the manhole at Station 77+00 is experiencing settlement issues. This manhole is within the scrub seal area adjacent to The Rock Church entrance road. Jeremy advised that W.A. Rasic would address.</p> <p>* <u>5/10/12 Status</u>: Also need to replace curb and gutter in front of W.A. Rasic's "Caroline Yard".</p>	REMINDER REMINDER
<p>1.29 SBCFCD Concerns</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p>* <u>5/10/12 Status</u>: None.</p>	
<p>3.1 Outstanding Submittals</p> <p>All documentation prior to 4/26/12 has been removed. See previous meeting minutes.</p> <p><u>4/26/12 Status</u>:</p> <ul style="list-style-type: none"> Outstanding Submittals - No change. Rubberized asphalt and miscellaneous ARRA certification documents are still needed. DeMinimus Letter - Sample provided by K&S. Steel cannot be included as a part of the letter. <p>* <u>5/10/12 Status</u>:</p> <ul style="list-style-type: none"> Outstanding Submittals - Miscellaneous ARRA certification documents still required. DeMinimus Letter - Jeff Grubb to provide draft letter, then finalize at the end of the project. 	W.A. RASIC W.A. RASIC

Subject	Action Required By
<p>4.1 Hydrostatic Testing of Brineline</p> <p><u>2/1/12 Status:</u> K&S reviewed W.A. Rasic's proposed testing stations and offered the following comments (per attached K&S email of 1/24/12):</p> <ul style="list-style-type: none"> • Deletion of bulkheads at Stations 16+68, 77+10, 123+10, and 208+26 was accepted. • Test pressures in segments between Stations 58+00 and 103+10 <u>and</u> Stations 103+10 and 145+00 shall be reduced from 20 psi to 15 psi at the high points (to ensure that test pressures do not exceed 30 psi at HDPE manholes). • District will save \$14,000 for deletion of bulkheads, minus the material costs for what has already been purchased. Jeff Grubb to assemble invoices and confirm with K&S. <p>Discussion regarding same.</p> <p><u>2/16/12 Status:</u> Jeff Grubb is on vacation this week. Mike advised that W.A. Rasic planned to test from Station 103+10 to Station 145+00 next (likely by Wednesday of next week).</p> <p><u>3/1/12 Status:</u></p> <ul style="list-style-type: none"> • Successful hydrostatic testing from Station 58+00 to 145+00. Next scheduled area is from 32+00 to 58+00. • Assembly of Material Costs - Still in progress. <p><u>3/22/12 Status:</u></p> <ul style="list-style-type: none"> • Hydrostatic Testing - Successful from north of Santa Ana River to Station 147+00± (receiving pit at Orange Grove and Van Leuven bore and jack). • Assembly of Material Costs - Still in progress. <p><u>4/12/12 Status:</u></p> <ul style="list-style-type: none"> • Hydrostatic Testing - Now complete through Station 164+12±. • Assembly of Material Costs - Nothing discussed. <p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> • Hydrostatic Testing - Still complete to Station 164+12±. • Assembly of Material Costs - W.A. Rasic is waiting to hear back from HD Supply. 	<p>W.A. RASIC</p>

Subject	Action Required By
<p>* <u>5/10/12 Status:</u></p> <ul style="list-style-type: none"> Hydrostatic Testing - No change. Jeff Ray advised that W.A. Rasic is considering whether or not to add a bulkhead back to its testing plan. Assembly of Material Costs - Jeff Grubb advised that this matter would be sorted out by the next progress meeting. <p>6.1 Tie-In to Existing SAWPA SARI Line</p> <p>Jeff Ray requested that K&S review the detail provided for connection to the existing SARI line and explained that it is not possible to construct in accordance with the detail without providing bypass pumping. Possibly consider a drop manhole. K&S to review the matter and get back to W.A. Rasic.</p> <p><u>2/16/12 Status:</u> K&S requested that W.A. Rasic submit a detailed RFI so that it can be forwarded to the design engineer. Jeff Grubb to sit down with Jeff Ray to confirm RFI wording prior to submitting.</p> <p>Aside from this, it was discovered that the installed piping at Station 0+84± was over 6 feet lower than the specified design elevation. Solution is to continue up at the same grade to invert elevation of 977.15, and slide the tie-in point 24' in the northwesterly direction (to avoid one of the existing bells in the SARI line). W.A. Rasic already potholed this revised connection point and confirmed there are no other conflicts. Mike confirmed that no other direction from K&S is required (as related to this matter).</p> <p><u>3/1/12 Status:</u> RFI will be submitted shortly. The District/K&S will find out from SAWPA whether or not it is possible, how full the SARI line is, and whether or not they are able to temporarily hold back the flow.</p> <p><u>3/22/12 Status:</u> RFI No. 28 (attached) received from W.A. Rasic. K&S and the District are currently working on a response to same.</p> <p><u>4/12/12 Status:</u> Meeting held yesterday. Discussion regarding same. See also Items 1.5 and 1.15 herein. K&S reviewed its conceptual design revisions to tie into the existing SARI line with W.A. Rasic. Jeff Ray thought the changes were doable and reasonable in concept. Will need to add two additional 45 degree elbows to jog over. W.A. Rasic to order the additional elbows. K&S to work out the numbers and provide to W.A. Rasic by tomorrow (through Pat O'Leary). Revisions will be "as-built".</p>	

Subject	Action Required By
<p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> • RFI No. 28 Response - Not needed as work is now complete. • Horizontal Location of Existing SARI Line - Additional elbows have been ordered per Jeff Ray. Also, W.A. Rasic does not need any additional information from K&S. <p>* <u>5/10/12 Status:</u> Nothing new. Mechanical and electrical work still required.</p> <p>7.1 Storm Drain Crossing at Redlands Boulevard and Club Way</p> <p>While performing its excavation adjacent to the storm drain crossing at Station 51+83±, W.A. Rasic encountered a significant amount of pea gravel that entered the excavation. It appeared as though the storm drain was installed subsequent to the adjacent 18" sewer and that the contractor may have started to "lose the 18" sewer" while installing the storm drain. Apparent solution was to backfill the entire area with pea gravel. This has slowed down W.A. Rasic's installation and W.A. Rasic intends to request additional compensation (see attached 2/16/12 email from W.A. Rasic regarding same). Solution was to utilize additional slurry to stabilize areas outside W.A. Rasic's planned excavation. Discussion regarding same.</p> <p><u>3/1/12 Status:</u> Costs are now assembled. Jeff Grubb to submit shortly.</p> <p><u>3/22/12 Status:</u> K&S reviewing.</p> <p><u>4/12/12 Status:</u> W.A. Rasic is assembling a revised proposal (following Jeff Ray and Adam Keeline meeting).</p> <p><u>4/26/12 Status:</u> No change.</p> <p>* <u>5/10/12 Status:</u> Resolved. Will be paid under the "Field Order" Bid Item as a part of Payment Request No. 7. This item will be removed from the meeting minutes.</p> <p>8.1 Existing 12" Waterline Leak on Club Way</p> <p>This waterline leak slowed down W.A. Rasic's production and required W.A. Rasic to work overtime. Jeff Grubb advised that W.A. Rasic's costs are now assembled and will be submitted shortly.</p> <p><u>3/22/12 Status:</u> K&S reviewing.</p>	<p>DONE</p>

Subject	Action Required By
<p><u>4/12/12 Status:</u> W.A. Rasic is assembling a revised proposal (following Jeff Ray and Adam Keeline meeting).</p> <p><u>4/26/12 Status:</u> No change.</p> <p>* <u>5/10/12 Status:</u> Resolved. Will be paid under the "Field Order" Bid Item as a part of Payment Request No. 7. This item will be removed from the meeting minutes.</p>	<p>W.A. RASIC</p> <p>DONE</p>
<p>9.2 Testing of Locator Wire</p> <p>W.A. Rasic requested assistance from the District to test the locator wires using the District's equipment. Brent agreed to send a technician to the site.</p> <p><u>4/12/12 Status:</u> Bob has been assisting as needed. Next section will be within LLU property.</p> <p><u>4/26/12 Status:</u> W.A. Rasic still not ready for testing ("snake pits" need to be installed).</p> <p>* <u>5/10/12 Status:</u> District personnel (Bob) only available for two to three more weeks. W.A. Rasic to install outstanding "snake pits" shortly.</p> <p>9.3 Lateral for SCE Plant</p> <p>Brent requested that the lateral be extended to 5' beyond the driveway approach so that the approach wouldn't have to be damaged twice. The District will pay for the d/w approach repair.</p> <p><u>4/12/12 Status:</u> In addition to going 5' beyond the driveway approach, the slope of the lateral shall be 2% per the design engineer.</p> <p><u>4/26/12 Status:</u> As a matter of clarification, the District will pay for the extra pipe required (not the driveway approach).</p> <p>* <u>5/10/12 Status:</u> Remove from meeting minutes (although work is not yet complete). Brent confirmed that the District will not require the specified bulkhead within the pipe at manhole.</p>	<p>W.A. RASIC</p> <p>REMINDER</p> <p>REMINDER</p> <p>DONE</p>

Subject	Action Required By
<p>NEW BUSINESS</p> <p>12.1 Core Drilling of 10" Diameter Hole in Utility Vault for Upper Vent Required since omitted from original submittal.</p> <p>12.2 Probable Shortage of Specified (Gray) HDPE Pipe Jeff Grubb advised that W.A. Rasic would likely be 150' short. K&S is reviewing submittal for black pipe. District will accept a limited amount at location adjacent to tie-in to Phase 2 piping. Need to as-built.</p>	<p>REMINDER</p> <p>K&S REMINDER</p>

RSW/jmw

818-63P6P4-PROGMTG-12 Minutes

Attachments: Attendance Sign-In Sheet
W.A. Rasic's 3-Week Look Ahead Schedule (Item 1.1)
Stop Notice from T&D Services (Item 1.17)

Distribution: Brent Anton, YVWD
Bob Hines, YVWD
James KeoshKerian, W.A. Rasic
Jeremy Juarez, W.A. Rasic
Jeff Grubb, W.A. Rasic
Jeff Ray, W.A. Rasic
Horacio Hernandez, W.A. Rasic
David Ruhl, SAWPA
Patrick Watson, K&S
Rodney Woods, K&S
Patrick O'Leary, K&S
Adam Keeline, K&S
Other Listed Attendees

Note: Distribution of Progress Meeting Minutes is via email only. If a paper copy is required, please contact Jennifer Weiler at (951) 684-6900.

PROGRESS MEETING NO. 12

MAY 10, 2012 AT 1:00 PM

SIGN-IN SHEETOWNER: Yucaipa Valley Water DistrictPROJECT: Regional Brineline Extension (Phase 3)DESIGN ENGINEER: DudekCONTRACTOR: W.A. Rasic ConstructionCONTRACT MANAGER: Krieger & Stewart, Incorporated

<u>NAME</u>	<u>ORGANIZATION</u>	<u>TELEPHONE NO.</u>	<u>E-MAIL ADDRESS</u>
<u>ROD WOODS</u>	<u>K+S</u>	<u>(951) 684-6900</u>	<u>RWOODS@KRIEGERANDSTEWART.COM</u>
<u>Jeremy F. Jurek</u>	<u>WAR</u>	<u>(310) 345-0264</u>	<u>JJUREK@WARASIC.COM</u>
<u>Jeff Grubb</u>	<u>WAR</u>	<u>310-864-1217</u>	<u>Jgrubb@warasic.com</u>
<u>Jeff Ray</u>	<u>WAR</u>	<u>310-864-1957</u>	<u>JRay@WARASIC.COM</u>
<u>PAT O'LEARY</u>	<u>K+S</u>	<u>951 712-1301</u>	
<u>PAT WATSON</u>	<u>"</u>		
<u>Brian Allen</u>	<u>WOOD</u>	<u>(909) 777-5118</u>	<u>BAllen@wood.hill.ca.us</u>
<u>Kevin Fischer</u>	<u>LLUSS</u>	<u>(909)-558-8781</u>	<u>KFISCHER@LLU.EDU</u>

W. A. Rasic Construction
4150 Long Beach Blvd.
Long Beach, CA 90807

3-WEEK LOOK AHEAD SCHEDULE

CLIENT: YVWD
PROJECT: Regional Brineline Phase 3
CLIENT CONTRACT NUMBER/PO: P-03-213
WAR PROJECT NUMBER: 11PC-012

TO DATE

-  Altered Work
-  Data Date
-  Weekends / Holidays (No Work)
-  Daytime Work
-  Night Work
-  Overdue

05/10/12

[illegible]



April 26, 2012

Yucaipa Valley Water District
ATTN: Linda Kilday
P.O. Box 730
Yucaipa, CA 92399-0730

Re: Yucaipa Valley Water District Regional Brineline Extension PHIII, San Bernardino, CA
Horizontal directional drilling & installation of 1575' of 22" HDPE pipe under the Santa Ana River at
Hunts Lane

Enclosed please find your copy of the "STOP NOTICE" for the above referenced project dated April 26, 2012.

You may contact our office regarding the attached.

Sincerely,

Deana Farran
T&D Services

Enclosures

CERTIFIED MAIL: 7010 3090 0000 6659 3072

STOP NOTICE

LEGAL NOTICE TO WITHHOLD CONSTRUCTION FUNDS

(Public or Private Work)
(Per California Civil Code Section 3103)

To: Yucaipa Valley Water District

(NAME OF OWNER, PUBLIC BODY OR CONSTRUCTION FUND HOLDER)

PO BOX 730

(ADDRESS IF TO A BANK OR SAV/LOAN, USE ADDRESS OF BRANCH HOLDING FUNDS)

Yucaipa, CA 92399-0730

(CITY, STATE AND ZIP)

Project: Regional Brineline Extension PHIII

(NAME)

Santa Ana River at Hunts Lane

(ADDRESS)

San Bernardino, CA

(CITY, STATE AND ZIP)

TAKE NOTICE THAT T&D Services, Inc. dba T&D Trenchless CA Contractors License "A" 900732

(NAME OF THE PERSON OR FIRM CLAIMING THE STOP NOTICE. LICENSED CONTRACTORS MUST USE THE NAME UNDER WHICH CONTRACTOR'S LICENSE IS ISSUED)

whose address is PO BOX 609 Murrieta, CA 92564-0609

(ADDRESS OF PERSON OR FIRM CLAIMING STOP NOTICE)

has performed labor and furnished materials for a work of improvement described as follows: Yucaipa Valley Water District Regional Brineline Extension PHIII San Bernardino, CA

(NAME AND LOCATION OF PROJECT WHERE WORK OR MATERIALS WERE FURNISHED)

The labor and materials furnished by claimant are of the following general kind: Horizontal directional drilled installation of 1575' of 22" HDPE pipe under Santa Ana River at Hunts Lane

(KIND OF LABOR, SERVICES, EQUIPMENT, OR MATERIALS FURNISHED OR AGREED TO BE FURNISHED BY CLAIMANT)

The labor and materials were furnished to or for the following party: Golden State Boring (subcontractor to WA Basic Construction) 7000 Merrill Ave. Box 40 Chino, CA 91710

(NAME OF THE PARTY WHO ORDERED THE WORK OR MATERIALS)

Total value of the whole amount of labor and materials agreed to be furnished is: \$236,250The value of the labor and materials furnished to date is: \$236,250Claimant has been paid the sum of: \$0And there is due, owing and unpaid the sum of: \$236,250

You are required to set aside sufficient funds to satisfy this claim with interest, court costs and reasonable costs of litigation, as provided by law. You are also notified that claimant claims an equitable lien against any construction funds for this project which are in your hands.

FIRM NAME: T&D Services, Inc dba T&D Trenchless By: Donald Van Dyke President

VERIFICATION

I, the undersigned, say: I am the President the claimant
(PRESIDENT OF, "MANAGER OF," "A PARTNER OF," "OWNER OF," "AGENT OF," ETC.)
named in the foregoing Stop Notice; I have read said Stop Notice and know the contents thereof; the same is true of my own knowledge.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on 26 April 2012 at Murrieta CA

(DATE THIS DOCUMENT WAS SIGNED)

(NAME OF CITY AND STATE WHERE THIS DOCUMENT WAS SIGNED)

(PERSONAL SIGNATURE OF THE INDIVIDUAL WHO IS BEARING THAT THE CONTENTS OF STOP NOTICE ARE TRUE)

REQUEST FOR NOTICE OF ELECTION

(Private Works Only)

(Per California Civil Code Section 3159, 3161, or 3162)

If an election is made not to withhold funds pursuant to this stop notice by reason of a payment bond having been recorded in accordance with Sections 3256 or 3162, please send notice of such election and a copy of the bond within 30 days of such election in the enclosed preaddressed stamped envelope. This information must be provided by you under Civil Code Sections 3159, 3161, or 3162.

Signed: _____

(Claimant must Enclose Self-Addressed Stamped Envelope)

BEFORE YOU USE THIS FORM, FILL IN ALL BLANKS, AND MAKE WHATEVER CHANGES ARE APPROPRIATE AND NECESSARY TO YOUR PARTICULAR TRANSACTION. CONSULT A LAWYER IF YOU DOUBT THE FORM'S FITNESS FOR YOUR PURPOSE AND USE. WWW.THECONTRACTORSGROUP.COM MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE MERCHANTABILITY OR FITNESS OF THIS FORM FOR AN INTENDED USE OR PURPOSE.

REV. 04 01

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)**

PROGRESS MEETING NO. 13 MINUTES

TO: ATTENDEES

FILE: 818-63.6.4

FROM: RODNEY S. WOODS, KRIEGER & STEWART *RSW*

MEETING DATE: 5/24/12

OWNER: YUCAIPA VALLEY WATER DISTRICT

TIME: 1:00 PM

CONTRACTOR: W.A. RASIC CONSTRUCTION

ENGINEER: KRIEGER & STEWART

LOCATION: TEMPORARY ONSITE FIELD OFFICE TRAILER

ATTENDANCE: YVWD: Brent Anton
W.A. Rasic: Jeff Grubb
K&S: Patrick Watson
Rodney S. Woods
Pat O'Leary

Subject		Action Required By
<u>RECURRING TOPICS</u>		
1.1 Project Schedule		
<ul style="list-style-type: none">Project awarded on 8/17/11 (start date). Original (and still current) Project Completion Dates are as follows:		
<u>Description</u>		<u>Completion Date</u>
1) Completion of Work Within County of San Bernardino Property		1/15/12
2) Completion of All Work		8/31/12
Remaining Contract Time		99 days
<ul style="list-style-type: none">Inclement Weather Days: Seven inclement weather days thus far (11/4/11, 12/12/11, 12/13/11, 1/23/12, 2/15/12, 3/26/12, and 4/11/12). In addition, W.A. Rasic was provided a one day time extension due to MLK holiday and another one day time extension due to damaged gas line that was unknown/unmarked. When considering these extensions, one day from Contract still remains.		

Subject	Action Required By
<ul style="list-style-type: none"> • CPM Construction Schedule/Schedule Update: Schedule Update (data date of 4/30/12) that accompanied Payment Request No. 7 is attached for reference. Per this update, W.A. Rasic projects project completion by the end of July. Discussion regarding same. Jeff Grubb confirmed that completion may not be until sometime in August. • 3-Week Look Ahead Schedule: Provided by W.A. Rasic at the progress meeting and attached for reference. • Anything by District or K&S to expedite W.A. Rasic's construction schedule? From Progress Meeting No. 12: <ol style="list-style-type: none"> 1) <i>Ensure SCE paperwork is submitted.</i> The District has confirmed that everything should be "squared away" on its end. 2) <i>Confirm required number of penetrations in flow meter vault (1" PVC piping).</i> Will be confirmed early next week when Mike Metts returns from his vacation. Okay per Jeff Grubb. 3) <i>Review W.A. Rasic's submittal of proposed "black" HDPE pipe. See also Item 12.2 herein.</i> Jeff Grubb stated that upon further review, W.A. Rasic should not need to purchase any additional pipe (W.A. Rasic forgot to account for some piping they had previously procured). <p>No additional items discussed.</p> <p>1.2 Safety Issues</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> None.</p> <p>* <u>5/24/12 Status:</u> None.</p>	

Subject	Action Required By
<p>1.3 Complaints (from District, Neighbors, or Other Agencies)</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> Complaint received from HOA along Mission Road (regarding brown grass resulting from 8" RW line being shut down during construction). Has been resolved. Solution was to turn on the 8" RW line on Monday, Tuesday, and Wednesday evenings.</p> <p>* <u>5/24/12 Status:</u> None (although McDonalds is likely to complain soon, due to some settlement on the west side of the manhole at Redlands/Club Way over W.A. Rasic's newly installed mainline). W.A. Rasic to investigate and address.</p>	W.A. RASIC
<p>1.4 Site Security</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> Someone attempted to steal a traffic plate last Sunday, but police caught them in the act.</p> <p>* <u>5/24/12 Status:</u> None.</p>	
<p>1.5 RFIs</p> <p>All documentation prior to 4/26/12 has been removed. See previous meeting minutes.</p> <p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> • Tie-in to Existing SARI Line - With additional explanation and clarification, SAWPA was agreeable to revised submittal. Base (including T-lock) complete. Flow has resumed in the SARI Line. • 2-Week Shutdown of Existing 8" RW Line - Jeremy advised that W.A. Rasic was keeping the City involved and that the contact with respect to the shutdown is now Greg. No one knows the extent of the irrigation coverage associated with the shutdown; however, the weather has been favorable (especially considering the recent rain). 	

Subject	Action Required By
<ul style="list-style-type: none"> RFI No. 29 Response - Provided on 4/13/12 and attached for reference. Accuracy deemed acceptable by the design engineer. Doppler Method not required. W.A. Rasic to submit credit proposal for eliminating Doppler Method. <p><u>5/10/12 Status:</u> Jeff Grubb advised that elimination of Doppler Method was more expensive. No other RFIs.</p> <p>* <u>5/24/12 Status:</u> Nothing new.</p> <p style="text-align: center;"><u>OTHER TOPICS</u></p> <p>1.11 Funding Agency Requirements</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u></p> <ul style="list-style-type: none"> Missing I-9s - Still missing 3 I-9s per K&S' 5/8/12 email to W.A. Rasic. Also missing Apprentice Certificate for Jimmy Still. Jeff Grubb advised that a sub-journeyman is not an apprentice, but W.A. Rasic would submit a letter from the union regarding Still. Comments from USBR Regarding Certified Payroll Packages - Still need clarification from PJU regarding K&S' 5/7/12 email. Also need confirmation from W.A. Rasic regarding its apprentices. Jeff Grubb confirmed that W.A. Rasic has only utilized two apprentices thus far; Lorien has "journeyed-out" and will not be back, but Christian will be back occasionally for deliveries. <p>* <u>5/24/12 Status:</u> Per K&S' 5/14/12 email, still missing 7 I-9s from W.A. Rasic, 4 I-9s from Olson Precast, 3 I-9s from Case Land Surveying, and 1 I-9 from Golden State. Outstanding I-9 from Pipe Jacking Unlimited was received. Clarification regarding Jimmy Still received.</p> <p>1.13 SWPPP</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> Need to catch up. Nothing submitted since K&S provided its 3/28/12 comments.</p>	<p style="text-align: center;">W.A. RASIC</p>

Subject	Action Required By
<p>* <u>5/24/12 Status:</u> Inspection reports received through 5/7/12. K&S' comments (albeit minimal) were provided to W.A. Rasic on 5/14/12. W.A. Rasic to address with the next submittal.</p> <p>1.15 Pipeline Design Revisions</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> None.</p> <p>* <u>5/24/12 Status:</u> None.</p> <p>1.17 HDD Operations</p> <p>All documentation prior to 3/22/12 has been removed. See previous meeting minutes.</p> <p><u>3/22/12 Status:</u> Operation complete. K&S is not sure where Golden State installed the line near the jacking pit at California Street and Barton Road. Pipe has been cut and end is now plated. Connection from bore and jack operation to HDD operation will likely need to move to the south (since jacking pit was lowered). The manhole will be shifted south to maintain the distance from the VPI.</p> <p><u>4/12/12 Status:</u> Nothing new.</p> <p><u>4/26/12 Status:</u> Discussion regarding telephone call received from T&D Services. Jeremy advised that the check from W.A. Rasic was cut and that it should be mailed today.</p> <p><u>5/10/12 Status:</u> Stop Notice from T&D Services is attached for reference. Discussion regarding same. Jeremy advised that W.A. Rasic intends to bond around the stop notice at 125% of the value of the stop notice.</p> <p>* <u>5/24/12 Status:</u> Bond around Stop Notice is attached for reference. The District did not withhold any funds from the last payment request. K&S did receive another inquiry call from T&D Services. Brief discussion regarding same. Brent advised that he received a telephone call yesterday from Pipe Jacking Unlimited regarding lack of payment from W.A. Rasic. Jeff Grubb confirmed that Pipe Jacking Unlimited got paid by W.A. Rasic today.</p>	<p>W.A. RASIC</p> <p>REMINDER</p>

Subject	Action Required By
<p>1.20 Work Within Loma Linda University Property</p> <p><u>2/1/12 Status:</u> Jeff Ray advised that W.A. Rasic is currently working on tie-ins and cleanup, but plans to soon test entire section within LLU property.</p> <p><u>2/16/12 Status:</u> W.A. Rasic is currently hauling excess dirt out of the Gage Canal area. Also still installing conduit.</p> <p><u>3/1/12 Status:</u> Nearly complete. Kevin advised that the tree pieces need to be taken to the University's Recycled Yard. Currently, the tree pieces are simply "placed over the fence". W.A. Rasic to ensure the situation is promptly rectified.</p> <p><u>3/22/12 Status:</u> W.A. Rasic, K&S, and LLU will walk the fence alignment tomorrow morning at 9:30 AM.</p> <p><u>4/12/12 Status:</u></p> <ul style="list-style-type: none"> • Tree Pieces - Done. • Fence Alignment - W.A. Rasic does not have a schedule yet. They are obtaining one more quote. If too high, W.A. Rasic will do fence replacement themselves. Kevin advised that the replacement does not need to be completed immediately. All other work within LLU property is complete, except for some continuity testing. <p><u>4/26/12 Status:</u> Schedule not finalized yet. Jeremy advised that W.A. Rasic is likely to utilize ACE Fence (assuming that their quotation included the barbed wire required).</p> <p><u>5/10/12 Status:</u> Quotes too high per Jeff Ray. W.A. Rasic likely to do themselves. No schedule yet.</p> <p>Brent advised that Bob is retiring in two to three weeks and that after then, it will be much more difficult to assist W.A. Rasic with continuity testing. Jeff Ray confirmed that they will install "snake pit" shortly so that more testing could be done (within LLU property).</p> <p>* <u>5/24/12 Status:</u> Continuity testing complete up to Poplar now. W.A. Rasic has its fencing subcontractor in place now per Jeff Grubb (Landmark); however, a schedule has not yet been established. Brent encouraged W.A. Rasic to figure out its schedule and convey same to LLU.</p>	<p>W.A. RASIC</p>

Subject	Action Required By
<p>1.27 Schedule for Future Progress Meetings</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> The next meeting is scheduled for 5/24/12 at 1:00 PM.</p> <p>* <u>5/24/12 Status:</u> The next meeting is scheduled for 6/7/12 at 1:00 PM.</p>	REMINDER
<p>1.28 City of San Bernardino Concerns</p> <p>All documentation prior to 4/26/12 has been removed. See previous meeting minutes.</p> <p><u>4/26/12 Status:</u> No new issues, except that the manhole at Station 77+00 is experiencing settlement issues. This manhole is within the scrub seal area adjacent to The Rock Church entrance road. Jeremy advised that W.A. Rasic would address.</p> <p><u>5/10/12 Status:</u> Also need to replace curb and gutter in front of W.A. Rasic's "Caroline Yard".</p> <p>* <u>5/24/12 Status:</u> Nothing new.</p>	REMINDER REMINDER
<p>1.29 SBCFCD Concerns</p> <p>All documentation prior to 5/10/12 has been removed. See previous meeting minutes.</p> <p><u>5/10/12 Status:</u> None.</p> <p>* <u>5/24/12 Status:</u> None; however, Pat O'Leary stated that Matt Cortez thought that the District's permit would be expiring at the end of June. Brent did not think this to be the case, but will investigate.</p>	DISTRICT
<p>3.1 Outstanding Submittals</p> <p>All documentation prior to 4/26/12 has been removed. See previous meeting minutes.</p> <p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> Outstanding Submittals - No change. Rubberized asphalt and miscellaneous ARRA certification documents are still needed. DeMinimus Letter - Sample provided by K&S. Steel cannot be included as a part of the letter. 	

Subject	Action Required By
<p><u>5/10/12 Status:</u></p> <ul style="list-style-type: none"> Outstanding Submittals - Miscellaneous ARRA certification documents still required. DeMinimus Letter - Jeff Grubb to provide draft letter, then finalize at the end of the project. <p>* <u>5/24/12 Status:</u> No change.</p>	<p>W.A. RASIC</p> <p>W.A. RASIC</p>
<p>4.1 Hydrostatic Testing of Brineline</p> <p><u>2/1/12 Status:</u> K&S reviewed W.A. Rasic's proposed testing stations and offered the following comments (per attached K&S email of 1/24/12):</p> <ul style="list-style-type: none"> Deletion of bulkheads at Stations 16+68, 77+10, 123+10, and 208+26 was accepted. Test pressures in segments between Stations 58+00 and 103+10 <u>and</u> Stations 103+10 and 145+00 shall be reduced from 20 psi to 15 psi at the high points (to ensure that test pressures do not exceed 30 psi at HDPE manholes). District will save \$14,000 for deletion of bulkheads, minus the material costs for what has already been purchased. Jeff Grubb to assemble invoices and confirm with K&S. <p>Discussion regarding same.</p> <p><u>2/16/12 Status:</u> Jeff Grubb is on vacation this week. Mike advised that W.A. Rasic planned to test from Station 103+10 to Station 145+00 next (likely by Wednesday of next week).</p> <p><u>3/1/12 Status:</u></p> <ul style="list-style-type: none"> Successful hydrostatic testing from Station 58+00 to 145+00. Next scheduled area is from 32+00 to 58+00. Assembly of Material Costs - Still in progress. <p><u>3/22/12 Status:</u></p> <ul style="list-style-type: none"> Hydrostatic Testing - Successful from north of Santa Ana River to Station 147+00± (receiving pit at Orange Grove and Van Leuven bore and jack). Assembly of Material Costs - Still in progress. 	<p>W.A. RASIC</p>

Subject	Action Required By
<p><u>4/12/12 Status:</u></p> <ul style="list-style-type: none"> • Hydrostatic Testing - Now complete through Station 164+12±. • Assembly of Material Costs - Nothing discussed. <p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> • Hydrostatic Testing - Still complete to Station 164+12±. • Assembly of Material Costs - W.A. Rasic is waiting to hear back from HD Supply. <p><u>5/10/12 Status:</u></p> <ul style="list-style-type: none"> • Hydrostatic Testing - No change. Jeff Ray advised that W.A. Rasic is considering whether or not to add a bulkhead back to its testing plan. • Assembly of Material Costs - Jeff Grubb advised that this matter would be sorted out by the next progress meeting. <p>* <u>5/24/12 Status:</u> No change. Since water is now in the line from previous testing, when test plate is pulled, water will flow into the existing SARI line. Should confirm acceptable with SAWPA.</p> <p>6.1 Tie-In to Existing SAWPA SARI Line</p> <p>Jeff Ray requested that K&S review the detail provided for connection to the existing SARI line and explained that it is not possible to construct in accordance with the detail without providing bypass pumping. Possibly consider a drop manhole. K&S to review the matter and get back to W.A. Rasic.</p> <p><u>2/16/12 Status:</u> K&S requested that W.A. Rasic submit a detailed RFI so that it can be forwarded to the design engineer. Jeff Grubb to sit down with Jeff Ray to confirm RFI wording prior to submitting.</p> <p>Aside from this, it was discovered that the installed piping at Station 0+84± was over 6 feet lower than the specified design elevation. Solution is to continue up at the same grade to invert elevation of 977.15, and slide the tie-in point 24' in the northwesterly direction (to avoid one of the existing bells in the SARI line). W.A. Rasic already potholed this revised connection point and confirmed there are no other conflicts. Mike confirmed that no other direction from K&S is required (as related to this matter).</p>	DISTRICT/K&S

Subject	Action Required By
<p><u>3/1/12 Status:</u> RFI will be submitted shortly. The District/K&S will find out from SAWPA whether or not it is possible, how full the SARI line is, and whether or not they are able to temporarily hold back the flow.</p> <p><u>3/22/12 Status:</u> RFI No. 28 (attached) received from W.A. Rasic. K&S and the District are currently working on a response to same.</p> <p><u>4/12/12 Status:</u> Meeting held yesterday. Discussion regarding same. See also Items 1.5 and 1.15 herein. K&S reviewed its conceptual design revisions to tie into the existing SARI line with W.A. Rasic. Jeff Ray thought the changes were doable and reasonable in concept. Will need to add two additional 45 degree elbows to jog over. W.A. Rasic to order the additional elbows. K&S to work out the numbers and provide to W.A. Rasic by tomorrow (through Pat O'Leary). Revisions will be "as-built".</p> <p><u>4/26/12 Status:</u></p> <ul style="list-style-type: none"> • RFI No. 28 Response - Not needed as work is now complete. • Horizontal Location of Existing SARI Line - Additional elbows have been ordered per Jeff Ray. Also, W.A. Rasic does not need any additional information from K&S. <p><u>5/10/12 Status:</u> Nothing new. Mechanical and electrical work still required.</p> <p>* <u>5/24/12 Status:</u> Nothing new. Jeff Grubb advised that the meter would arrive in about two weeks.</p>	
<p>9.2 Testing of Locater Wire</p> <p>W.A. Rasic requested assistance from the District to test the locator wires using the District's equipment. Brent agreed to send a technician to the site.</p> <p><u>4/12/12 Status:</u> Bob has been assisting as needed. Next section will be within LLU property.</p> <p><u>4/26/12 Status:</u> W.A. Rasic still not ready for testing ("snake pits" need to be installed).</p> <p><u>5/10/12 Status:</u> District personnel (Bob) only available for two to three more weeks. W.A. Rasic to install outstanding "snake pits" shortly.</p> <p>* <u>5/24/12 Status:</u> Next week is Bob's last week. Everything that can be tested has been tested to date.</p>	

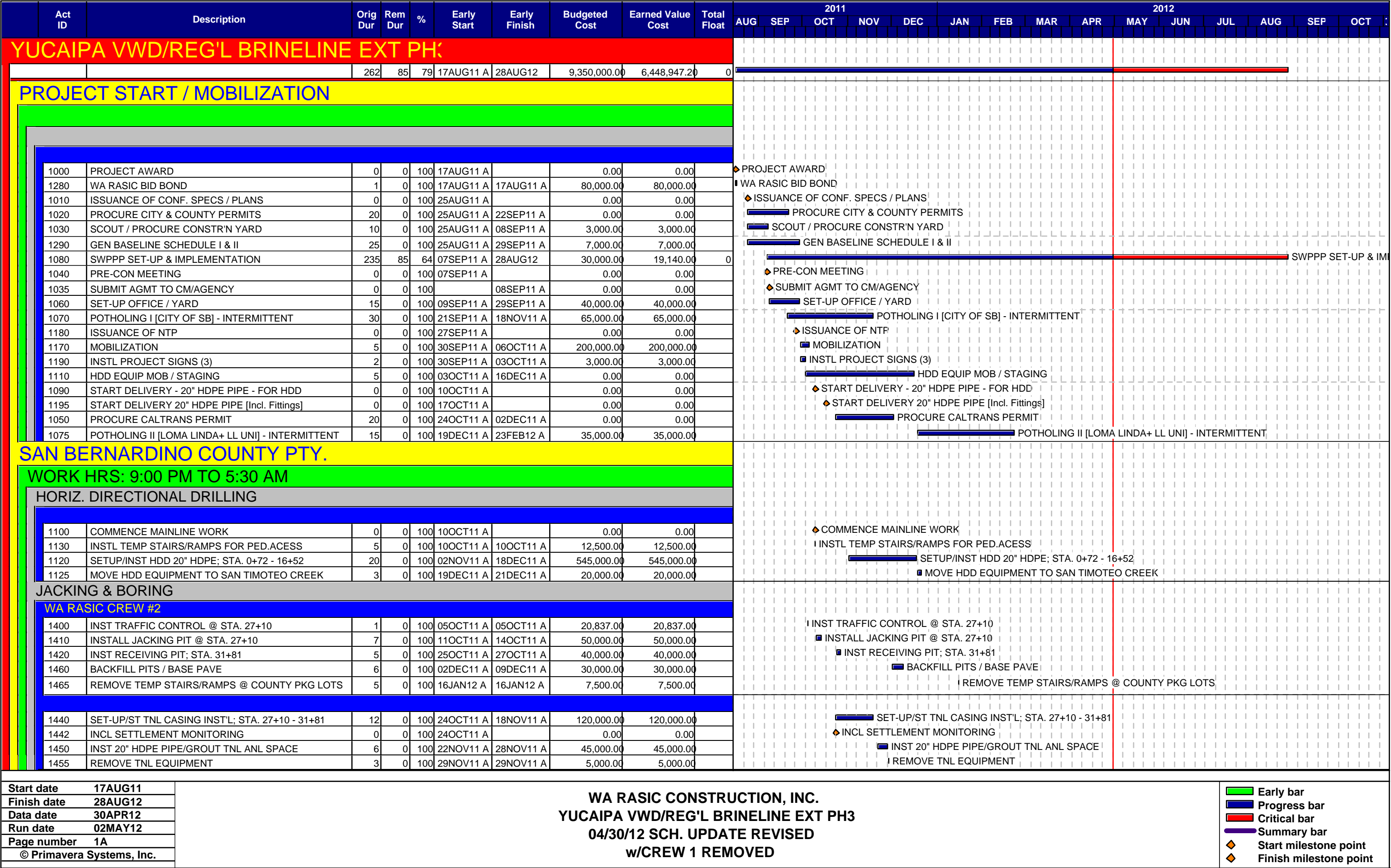
Subject	Action Required By
<p>12.1 Core Drilling of 10" Diameter Hole in Utility Vault for Upper Vent Required since omitted from original submittal.</p> <p>* <u>5/24/12 Status:</u> Done. This item will be removed from the meeting minutes.</p>	DONE
<p>12.2 Probable Shortage of Specified (Gray) HDPE Pipe Jeff Grubb advised that W.A. Rasic would likely be 150' short. K&S is reviewing submittal for black pipe. District will accept a limited amount at location adjacent to tie-in to Phase 2 piping. Need to as-built.</p> <p>* <u>5/24/12 Status:</u> K&S completed its review and provided comments to W.A. Rasic on 5/20/12. Per Item 1.1 herein, W.A. Rasic should not need additional pipe. This item will be removed from the meeting minutes.</p>	DONE
NEW BUSINESS	
<p>13.1 Sinkhole Within County of San Bernardino Parking Lot (Hunts Lane) On 5/12/12, the County advised everyone about the sinkhole that had developed. Said sinkhole was due to a leaking 2" irrigation line that W.A. Rasic had previously hit (and subsequently repaired) during its construction activities. Said line was repaired by W.A. Rasic on the same day. Paving was completed today.</p>	
<p>13.2 K&S Inspection Rod advised that Pat O'Leary would be on vacation beginning tomorrow, and returning on June 11th.</p>	

RSW/jmw
818-63P6P4-PROGMTG-13-Minutes

Attachments: Attendance Sign-In Sheet
CPM Schedule that Accompanied Payment Request No. 7 (Item 1.1)
W.A. Rasic's 3-Week Look Ahead Schedule (Item 1.1)
W.A. Rasic Bond Around T&D Stop Notice (Item 1.17)

Distribution: Brent Anton, YVWD
Bob Hines, YVWD
James KeoshKerian, W.A. Rasic
Jeremy Juarez, W.A. Rasic
Jeff Grubb, W.A. Rasic
Jeff Ray, W.A. Rasic
Horacio Hernandez, W.A. Rasic
David Ruhl, SAWPA
Patrick Watson, K&S
Rodney Woods, K&S
Patrick O'Leary, K&S
Adam Keeline, K&S
Other Listed Attendees

Note: Distribution of Progress Meeting Minutes is via email only. If a paper copy is required, please contact Jennifer Weiler at (951) 684-6900.



	Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012									
											AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
20" HDPE PIPE INST'N & TESTING																									
WA RASIC CREW #1																									
1230	INST TRAFFIC CONTROL @ STA 16+52	2	0	100	17OCT11 A	16DEC11 A	20,833.00	20,833.00			INST TRAFFIC CONTROL @ STA 16+52														
1240	EXCV/ShORE 20" HDPE; STA. 16+52 - 27+10	13	0	100	17OCT11 A	27DEC11 A	65,684.00	65,684.00			EXCV/ShORE 20" HDPE; STA. 16+52 - 27+10														
1250	LAY/FUSE 20" HDPE PIPE; STA. 16+52 - 27+10	13	0	100	17OCT11 A	27DEC11 A	118,320.00	118,320.00			LAY/FUSE 20" HDPE PIPE; STA. 16+52 - 27+10														
1260	B'FILL/COMP/BSE PAVE HDPE; STA.16+52 - 27+	13	0	100	18OCT11 A	09JAN12 A	26,735.00	26,735.00			B'FILL/COMP/BSE PAVE HDPE; STA.16+52 - 27+														
1270	COMP WORK IN SBCO PTY NLT 1/15/12	0	0	100		15JAN12 A	0.00	0.00			COMP WORK IN SBCO PTY NLT 1/15/12														
WA RASIC CREW #3																									
1200	EXCV/ShORE 20" HDPE; STA. 0+11 - 0+72	8	8	0	30APR12 *	09MAY12	4,284.00	0.00	0		EXCV/ShORE 20" HDPE; STA. 0+11 - 0+72														
1210	CONN, LAY & FUSE 20" HDPE; STA. 0+11 - 0+72	8	8	0	02MAY12	11MAY12	9,000.00	0.00	0		CONN, LAY & FUSE 20" HDPE; STA. 0+11 - 0+72														
1220	B'FILL/COMP/BSE PAVE HDPE PIPE; STA. 0+11 - 0+72	3	3	0	11MAY12	15MAY12	1,569.00	0.00	0		B'FILL/COMP/BSE PAVE HDPE PIPE; STA. 0+11 - 0+72														
INST'N OF APPURTENANCES																									
WA RASIC CREW #1																									
1330	INSTL 6" DRAIN @ STA. 25+76	3	0	100	01NOV11 A	03NOV11 A	11,500.00	11,500.00			INSTL 6" DRAIN @ STA. 25+76														
1320	INSTL 4" AIR VALVE @ STA. 24+96	5	0	100	03NOV11 A	09NOV11 A	14,500.00	14,500.00			INSTL 4" AIR VALVE @ STA. 24+96														
1305	INSTL MH @ STA. 16+58 (Installed @ STA 17+30)	5	0	100	29DEC11 A	29DEC11 A	12,000.00	12,000.00			INSTL MH @ STA. 16+58 (Installed @ STA 17+30)														
1310	INSTL MH @ STA. 21+09 (Deleted)	5	0	100	29DEC11 A	29DEC11 A	12,000.00	12,000.00			INSTL MH @ STA. 21+09 (Deleted)														
WA RASIC CREW #3																									
1300	INSTL MH @ STA. 0+71.81	5	5	0	02MAY12	08MAY12	12,000.00	0.00	0		INSTL MH @ STA. 0+71.81														
METER MH / FLOW METER STR / ELECTRICAL																									
WA RASIC CREW #3																									
5920	INSTL METERING MH's (2) & APPURT. (Incl. Vents)	10	3	70	16APR12 A	02MAY12	38,000.00	26,600.00	0		INSTL METERING MH's (2) & APPURT. (Incl. Vents)														
5930	BACKFILL/COMPACT AT METER MH's	7	7	0	03MAY12	11MAY12	17,350.00	0.00	0		BACKFILL/COMPACT AT METER MH's														
5940	TRENCH/INSTL ELECT D/B BET. MET MH / FLOWMTR	5	5	0	14MAY12	18MAY12	7,500.00	0.00	0		TRENCH/INSTL ELECT D/B BET. MET MH / FLOWMTR														
5900	START WORK - METERING STRUCT. @ ~ STA. 0+48	0	0	0	16MAY12		0.00	0.00	0		START WORK - METERING STRUCT. @ ~ STA. 0+48														
5910	SET-UP / INST METERING PEDESTALS	7	7	0	16MAY12	24MAY12	5,000.00	0.00	0		SET-UP / INST METERING PEDESTALS														
5950	INSTL ELECTRICAL @ METER/FLOWMETER STR &	20	20	0	12JUN12	10JUL12	62,150.00	0.00	0		INSTL ELECTRICAL @ METER/FLOW														
CITY OF SAN BERNARDINO																									
WORK HRS: 8:30 AM TO 3:30 PM																									
JACKING & BORING																									
WA RASIC CREW #2																									
1470	INST TRAFFIC CONTROL @ STA 100+05	2	0	100	03JAN12 A	04JAN12 A	20,833.00	20,833.00			INST TRAFFIC CONTROL @ STA 100+05														
1530	INST JACKING PIT @ STA. 100+05 [CT ROW]	6	0	100	09JAN12 A	18JAN12 A	50,000.00	50,000.00			INST JACKING PIT @ STA. 100+05 [CT ROW]														
1535	INST REC'G PIT @ STA. 104+69 [CT ROW]	5	0	100	30JAN12 A	03FEB12 A	40,000.00	40,000.00			INST REC'G PIT @ STA. 104+69 [CT ROW]														
1560	BACKFILL PITS & BASE PAVE [CT ROW]	6	0	100	20FEB12 A	07MAR12 A	30,000.00	30,000.00			BACKFILL PITS & BASE PAVE [CT ROW]														
1480	NOTIFY CITY OF SAN BERNARDINO OF WORK START	0	0	100	01DEC11 A		0.00	0.00			NOTIFY CITY OF SAN BERNARDINO OF WORK START														
1520	CALTRANS ROW PERMIT REQ'D [FLAG]	0	0	100	05DEC11 A		0.00	0.00			CALTRANS ROW PERMIT REQ'D [FLAG]														
1542	INCL SETTELMENT MONITORING	0	0	100	06JAN12 A		0.00	0.00			INCL SETTELMENT MONITORING														
1540	SET-UP/INST TNL CASING; STA. 100+05 - 104+69	13	0	100	18JAN12 A	07FEB12 A	130,000.00	130,000.00			SET-UP/INST TNL CASING; STA. 100+05 - 104+69														
1545	REMOVE TNL EQUIPMENT	3	0	100	08FEB12 A	08FEB12 A	5,000.00	5,000.00			REMOVE TNL EQUIPMENT														
1550	INST 20" HDPE PIPE/GROUT ANL SPACE	5	0	100	08FEB12 A	17FEB12 A	35,000.00	35,000.00			INST 20" HDPE PIPE/GROUT ANL SPACE														
20" HDPE PIPE INST'N & TESTING																									
WA RASIC CREW #1																									
1600	INST TRAFFIC CONTROL BTW STA 31+81 - 36+38	2	0	100	06DEC11 A	06DEC11 A	20,833.00	20,833.00			INST TRAFFIC CONTROL BTW STA 31+81 - 36+38														
1610	EXCV/ShORE 20" HDPE; STA. 31+81 - 36+38	6	0	100	06DEC11 A	12DEC11 A	28,558.00	28,558.00			EXCV/ShORE 20" HDPE; STA. 31+81 - 36+38														
1620	LAY/FUSE 20" HDPE PIPE; STA. 31+81 - 36+38	6	0	100	06DEC11 A	12DEC11 A	51,444.00	51,444.00			LAY/FUSE 20" HDPE PIPE; STA. 31+81 - 36+38														
1630	B'FILL/COMP/1.25" CND/BSE PVE; STA.31+81 - 36+38	6	0	100	06DEC11 A	30DEC11 A	14,124.00	14,124.00			B'FILL/COMP/1.25" CND/BSE PVE; STA.31+81 - 36+38														
1710	EXCV/ShORE 20" HDPE PIPE; STA. 40+84 - 60+00	22	0	100	12DEC11 A	09FEB12 A	118,516.00	118,516.00			EXCV/ShORE 20" HDPE PIPE; STA. 40+84 - 60+00														
1720	LAY/FUSE 20" HDPE PIPE; STA. 40+84 - 60+00	22	0	100	12DEC11 A	09FEB12 A	216,063.00	216,063.00			LAY/FUSE 20" HDPE PIPE; STA. 40+84 - 60+00														
1750	EXCV/ShORE 20" HDPE LINE; STA. 60+00 - 80+00	22	0	100	20DEC11 A	12JAN12 A	124,228.00	124,228.00			EXCV/ShORE 20" HDPE LINE; STA. 60+00 - 80+00														

	Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012											
											AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT		
<div></div>	1700	INST TRAFFIC CONTROL BTW STA. 40+84 - 93+50	2	0	100	21DEC11 A	22DEC11 A	20,833.00	20,833.00		■ INST TRAFFIC CONTROL BTW STA. 40+84 - 93+50																
	1760	LAY/FUSE 20" HDPE PIPE; STA. 60+00 - 80+00	22	0	100	21DEC11 A	12JAN12 A	225,066.00	225,066.00		■ LAY/FUSE 20" HDPE PIPE; STA. 60+00 - 80+00																
	1730	B'FILL/COMP/1.25" CND/BSE PVE; STA.40+84 - 60+00	22	0	100	22DEC11 A	14FEB12 A	58,820.00	58,820.00		■ B'FILL/COMP/1.25" CND/BSE PVE; STA.40+84 - 60+00																
	1770	B'FILL/COMP/1.25" CND/BSE PVE; STA.60+00 - 80+00	22	0	100	23DEC11 A	13JAN12 A	70,000.00	70,000.00		■ B'FILL/COMP/1.25" CND/BSE PVE; STA.60+00 - 80+00																
	1640	TEST 20" HDPE PIPE; STA. 16+52 - 36+38	3	0	100	04JAN12 A	04JAN12 A	4,038.00	4,038.00		■ TEST 20" HDPE PIPE; STA. 16+52 - 36+38																
	1800	EXCV/SHORE 20" HDPE PIPE; STA. 80+00 - 93+50	16	0	100	13JAN12 A	27JAN12 A	82,818.00	82,818.00		■ EXCV/SHORE 20" HDPE PIPE; STA. 80+00 - 93+50																
	1810	LAY/FUSE 20" HDPE PIPE; STA. 80+00 - 93+50	16	0	100	13JAN12 A	27JAN12 A	151,759.00	0.00		■ LAY/FUSE 20" HDPE PIPE; STA. 80+00 - 93+50																
	1820	B'FILL/COMP/1.25" CND/BSE PVE; STA.80+00 - 93+50	16	0	100	17JAN12 A	30JAN12 A	51,785.00	51,785.00		■ B'FILL/COMP/1.25" CND/BSE PVE; STA.80+00 - 93+50																
	1780	TEST 20" HDPE LINE; STA. 60+00 - 80+00	3	0	100	22FEB12 A	23FEB12 A	4,038.00	4,038.00		■ TEST 20" HDPE LINE; STA. 60+00 - 80+00																
	1740	TEST 20" HDPE LINE; STA. 40+84 - 60+00	3	0	100	27FEB12 A	27FEB12 A	4,038.00	4,038.00		■ TEST 20" HDPE LINE; STA. 40+84 - 60+00																
	INST'N OF APPURTENANCES																										
	WA RASIC CREW #1																										
	1830	INSTL MH @ STA. 31+87	5	0	100	09DEC11 A	09DEC11 A	12,000.00	12,000.00		■ INSTL MH @ STA. 31+87																
	1850	INSTL 6" DRAIN @ STA. 36+21	3	0	100	14DEC11 A	29FEB12 A	11,500.00	11,500.00		■ INSTL 6" DRAIN @ STA. 36+21																
	1880	INSTL MH @ STA. 58+30	5	0	100	20DEC11 A	21DEC11 A	12,000.00	12,000.00		■ INSTL MH @ STA. 58+30																
	1840	INSTL 4" AIR VALVE @ STA. 35+22	5	0	100	27DEC11 A	29DEC11 A	14,500.00	14,500.00		■ INSTL 4" AIR VALVE @ STA. 35+22																
	1890	INSTL MH @ STA. 67+00	5	0	100	28DEC11 A	29DEC11 A	12,000.00	12,000.00		■ INSTL MH @ STA. 67+00																
	2110	INSTL MH @ STA. 77+00	5	0	100	12JAN12 A	12JAN12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 77+00																
	2120	INSTL MH @ STA. 85+80	5	0	100	20JAN12 A	20JAN12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 85+80																
	1860	INSTL MH @ STA. 42+00	5	0	100	03FEB12 A	04FEB12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 42+00																
	1870	INSTL MH @ STA. 51+45	5	0	100	13FEB12 A	29FEB12 A	12,000.00	12,000.00		■ INSTL MH @ STA. 51+45																
	2100	INSTL 4" AIR VALVE @ STA. 71+45	5	0	100	21FEB12 A	22FEB12 A	14,500.00	14,500.00		■ INSTL 4" AIR VALVE @ STA. 71+45																
	GRIND & CAP																										
WAR PAVING CREW																											
1790	GRIND & CAP; STA. 16+52 - 60+00 [AS APPL.]	5	0	100	08MAR12 A	08MAR12 A	30,000.00	30,000.00		■ GRIND & CAP; STA. 16+52 - 60+00 [AS APPL.]																	
1795	GRND & CAP; STA. 60+00 - 93+50	5	0	100	08MAR12 A	08MAR12 A	46,339.00	46,339.00		■ GRND & CAP; STA. 60+00 - 93+50																	
CITY OF LOMA LINDA																											
WORK HRS: 7:00 AM TO 4:00 PM																											
HORIZ. DIRECTIONAL DRILLING																											
1140	NOTIFY CITY OF LOMA LINDA OF WORK START	0	0	100	22DEC11 A		0.00	0.00		◆ NOTIFY CITY OF LOMA LINDA OF WORK START																	
1150	SETUP/INST 20" HDD; STA. 262+10 - 269+38 [SOUTH]	15	0	100	04JAN12 A	09MAR12 A	245,000.00	245,000.00		■ SETUP/INST 20" HDD; STA. 262+10 - 269+38 [SOUTH]																	
1160	REMOVE HDD EQUIP FROM PROJECT	3	0	100	16MAR12 A	16MAR12 A	20,000.00	20,000.00		■ REMOVE HDD EQUIP FROM PROJECT																	
1165	HDD SUB DEMOB FROM PROJECT COMPLETE	0	0	0		27APR12	0.00	0.00	0	◆ HDD SUB DEMOB FROM PROJECT COMPLETE																	
JACKING & BORING																											
WA RASIC CREW #2																											
1900	INSTALL TRAFFIC CONTROL @ GAGE CANAL	1	0	100	14NOV11 A	14NOV11 A	20,833.00	20,833.00		■ INSTALL TRAFFIC CONTROL @ GAGE CANAL																	
1910	INSTALL JACKING PIT @ GAGE CANAL	7	0	100	15NOV11 A	16NOV11 A	30,000.00	30,000.00		■ INSTALL JACKING PIT @ GAGE CANAL																	
1920	INSTALL REC'G PIT @ GAGE CANAL	4	0	100	16NOV11 A	17NOV11 A	15,000.00	15,000.00		■ INSTALL REC'G PIT @ GAGE CANAL																	
1960	INSTALL TRAFFIC CONTROL; STA. 144+89 - 146+05	2	0	100	05DEC11 A	05DEC11 A	20,833.00	20,833.00		■ INSTALL TRAFFIC CONTROL; STA. 144+89 - 146+05																	
1965	INSTALL JACKING PIT @ STA. 144+89	7	0	100	05DEC11 A	07DEC11 A	35,000.00	35,000.00		■ INSTALL JACKING PIT @ STA. 144+89																	
1970	INSTALL REC'G PIT @ STA. 146+05	5	0	100	14DEC11 A	15DEC11 A	20,000.00	20,000.00		■ INSTALL REC'G PIT @ STA. 146+05																	
1950	BACKFILL PITS / BASE PAVE	6	0	100	01FEB12 A	06FEB12 A	12,000.00	12,000.00		■ BACKFILL PITS / BASE PAVE																	
2010	INSTALL JACKING PIT @ STA. 174+10	7	0	100	15FEB12 A	27FEB12 A	45,000.00	45,000.00		■ INSTALL JACKING PIT @ STA. 174+10																	
2015	INSTALL REC'G PIT @ STA. 175+55	5	0	100	29FEB12 A	05MAR12 A	35,000.00	35,000.00		■ INSTALL REC'G PIT @ STA. 175+55																	
2000	INSTALL TRAFFIC CONTROL; STA. 174+10 - 175+55	2	2	0	12MAR12 A	01MAY12	20,833.00	0.00	0	■ INSTALL TRAFFIC CONTROL; STA. 174+10 - 175+55																	
2050	INSTALL TRAFFIC CONTROL; STA. 262+04 - 257+20	2	2	0	12MAR12 A	01MAY12	20,833.00	0.00	0	■ INSTALL TRAFFIC CONTROL; STA. 262+04 - 257+20																	
2060	INSTALL JACKING PIT @ STA. 262+04	7	0	100	12MAR12 A	15MAR12 A	50,000.00	50,000.00		■ INSTALL JACKING PIT @ STA. 262+04																	
2065	INSTALL REC'G PIT @ STA. 257+50	5	0	100	26MAR12 A	27MAR12 A	34,000.00	34,000.00		■ INSTALL REC'G PIT @ STA. 257+50																	
1990	BACKFILL PITS / BASE PAVE	5	5	0	30APR12	04MAY12	20,000.00	0.00	0	■ BACKFILL PITS / BASE PAVE																	
2040	BACKFILL PITS / BASE PAVE	6	6	0	07MAY12	14MAY12	28,000.00	0.00	0	■ BACKFILL PITS / BASE PAVE																	
2090	BACKFILL PIT / BASE PAVE @ STA. 257+50 ONLY	3	3	0	15MAY12	17MAY12	17,869.00	0.00	0	■ BACKFILL PIT / BASE PAVE @ STA. 257+50 ONLY																	

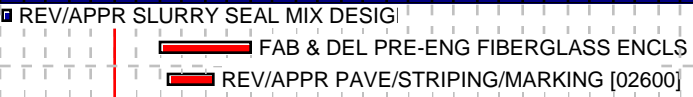
	Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012											
											AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT		
												<div><div><div><div><div></div><div>JACK & BORE CASING @ GAGE CNL; STA 97+75 - 96+55</div></div><div><div></div><div>INCL. SETTLEMENT MONITORING</div></div><div><div></div><div>REMOVE TNL EQUIPMENT</div></div><div><div></div><div>INST 20" HDPE PIPE; SLURRY ANL SPACE</div></div><div><div></div><div>SETUP/JACK & BORE CASING; STA. 144+89 - 146+05</div></div><div><div></div><div>INCL SETTLEMENT MONITORING</div></div><div><div></div><div>INST 20" HDPE PIPE; GROUT ANL SPACE</div></div><div><div></div><div>REMOVE TNL EQUIPMENT</div></div><div><div></div><div>SETUP/JACK & BORE CASING; STA. 174+10 - 175+55</div></div><div><div></div><div>INSTALL 20" HDPE PIPE; GROUT ANL SPACE</div></div><div><div></div><div>SETUP/JACK & BORE CASING; STA. 261+75 - 257+</div></div><div><div></div><div>INSTALL 20" HDPE PIPE/GROUT ANL SPACE</div></div><div><div></div><div>INCL. SETTLEMENT MONITORING</div></div><div><div></div><div>REMOVE TNL EQUIPMENT</div></div><div><div></div><div>INCL. SETTLEMENT MONITORING</div></div><div><div></div><div>REMOVE TNL EQUIPMENT/ DEMOB</div></div></div><div><div></div><div>SETUP/JACK & BORE CASING; STA. 261+75 - 257+50</div></div><div><div></div><div>INSTALL 20" HDPE PIPE/GROUT ANL SPACE</div></div><div><div></div><div>INCL. SETTLEMENT MONITORING</div></div><div><div></div><div>REMOVE TNL EQUIPMENT</div></div><div><div></div><div>INCL. SETTLEMENT MONITORING</div></div><div><div></div><div>REMOVE TNL EQUIPMENT/ DEMOB</div></div></div></div>															
20" HDPE PIPE INST'N & TESTING																											
WA RASIC CREW #1																											
5000	COMMENCE WORK @ STA. 97+75	0	0	100	31OCT11 A			0.00	0.00		<div><div><div><div></div><div>COMMENCE WORK @ STA. 97+75</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 97+75 - 116+50</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 97+75 - 116+50</div></div><div><div></div><div>B/FILL/COMP/1.25" CND (PRT); STA. 97+75 - 116+50</div></div><div><div></div><div>TEST 20" HDPE LINE; STA. 96+55 - 116+50</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 116+50 - 136+50</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 116+50 - 136+50</div></div><div><div></div><div>B'FIL/COMPACT/1.25" CND; STA. 116+50 - 136+50</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 136+50 - 145+12</div></div><div><div></div><div>INST TRAFFIC CONTROL @ VAN LEUVEN ST</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 136+50 - 145+12</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.136+50-145+12</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 93+50 - 96+55</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA 93+50 - 96+55</div></div><div><div></div><div>B'FILL/COMP/1.25" CND/BSE PVE; STA.93+50 - 96+55</div></div><div><div></div><div>TEST 20" HDPE PIPE; STA. 116+50 - 136+50</div></div><div><div></div><div>TEST 20" HDPE LINE; STA. 80+00 - 96+55</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 197+50 - 208+00</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 197+50 - 208+</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.197+50-208+00</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 209+00 - 213+00 *</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 209+00 - 213+00 *</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.209+00-213+00</div></div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 197+50 - 208+00</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 197+50 - 208+00</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.197+50-208+00</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 209+00 - 213+00 *</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 209+00 - 213+00 *</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.209+00-213+00</div></div></div>																
WA RASIC CREW #2																											
5230	INSTALL TRAFFIC CONTROL @ STA. 146+91 [ROLLING]	1	0	100	19MAR12 A	19MAR12 A		20,833.00	20,833.00		<div><div><div><div></div><div>INSTALL TRAFFIC CONTROL @ STA. 146+91 [ROLLING]</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA.146+91 - 157+00</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 146+91 - 157+00</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.146+91-157+00</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 157+00 - 174+10</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 157+00 - 174+10</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.157+00-174+10</div></div><div><div></div><div>TEST 20" HDPE LINE; STA. 146+91 - 157+00</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 213+00 - 237+50</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 213+00 - 237+50</div></div><div><div></div><div>B'FILL/COMP/1.25" C/BASE PVE; STA.213+00-237+50</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 261+75 - 262+16</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA.261+75-262+16 [GAP]</div></div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 157+00 - 174+10</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 157+00 - 174+10</div></div><div><div></div><div>B'FILL/COMP/1.25" CN/BASE PVE; STA.157+00-174+10</div></div><div><div></div><div>TEST 20" HDPE LINE; STA. 146+91 - 157+00</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 213+00 - 237+50</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA. 213+00 - 237+50</div></div><div><div></div><div>B'FILL/COMP/1.25" C/BASE PVE; STA.213+00-237+50</div></div><div><div></div><div>EXCV/SHORE 20" HDPE PIPE; STA. 261+75 - 262+16</div></div><div><div></div><div>LAY/FUSE 20" HDPE PIPE; STA.261+75-262+16 [GAP]</div></div></div>																
5240	EXCV/SHORE 20" HDPE PIPE; STA.146+91 - 157+00	11	0	100	19MAR12 A	23MAR12 A		62,828.00	62,828.00																		
5250	LAY/FUSE 20" HDPE PIPE; STA. 146+91 - 157+	11	0	100	19MAR12 A	23MAR12 A		113,176.0	113,176.0																		
5260	B'FILL/COMP/1.25" CN/BASE PVE; STA.146+91-157+00	11	0	100	19MAR12 A	23MAR12 A		30,572.00	30,572.00																		
5300	EXCV/SHORE 20" HDPE PIPE; STA. 157+00 - 174+10	17	0	100	26MAR12 A	10APR12 A		105,665.00	105,665.00																		
5310	LAY/FUSE 20" HDPE PIPE; STA. 157+00 - 174+10	17	0	100	26MAR12 A	10APR12 A		192,914.00	192,914.00																		
5320	B'FILL/COMP/1.25" CN/BASE PVE; STA.157+00-174+10	17	0	100	30MAR12 A	11APR12 A		53,889.00	53,889.00																		
5270	TEST 20" HDPE LINE; STA. 146+91 - 157+00	5	0	100	10APR12 A	11APR12 A		4,039.00	4,039.00																		
2450	EXCV/SHORE 20" HDPE PIPE; STA. 213+00 - 237+50	17	12	30	16APR12 A	15MAY12		137,929.00	41,378.70	0																	
2460	LAY/FUSE 20" HDPE PIPE; STA. 213+00 - 237+50	17	12	30	16APR12 A	15MAY12		250,646.00	75,193.80	0																	
2470	B'FILL/COMP/1.25" C/BASE PVE; STA.213+00-237+50	17	12	30	16APR12 A	17MAY12		66,079.00	19,823.70	0																	
2375	EXCV/SHORE 20" HDPE PIPE; STA. 261+75 - 262+16	1	0	100	19APR12 A	20APR12 A		2,856.00	2,856.00																		
2385	LAY/FUSE 20" HDPE PIPE; STA.261+75-262+16 [GAP]	1	0	100	20APR12 A	23APR12 A		6,870.00	6,870.00																		

[illegible]

Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012												
										AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT			
20" HDPE PIPE INST'N & TESTING																											
WA RASIC CREW #2																											
5450	EXCV/SHORE HDPE PIPE; CONN TO MTN VIEW PPL	7	7	0	30APR12	08MAY12	12,000.00	0.00	0																	EXCV/SHORE HDPE PIPE; CONN TO MTN VIEW PPL	
5460	LAY & FUSE HDPE/CONN @ MTN VIEW POWER PLANT	7	7	0	02MAY12	10MAY12	8,500.00	0.00	0																	LAY & FUSE HDPE/CONN @ MTN VIEW POWER PLANT	
5470	B'FILL/COMP/BASE PVE @ MTN VIEW POWER PLANT	7	7	0	04MAY12	14MAY12	5,500.00	0.00	0																	B'FILL/COMP/BASE PVE @ MTN VIEW POWER PLANT	
5480	RESTORE IN KIND @ MTN VIEW POWER PLANT	7	7	0	15MAY12	23MAY12	8,000.00	0.00	0																	RESTORE IN KIND @ MTN VIEW POWER PLANT	
INST'N OF APPURTENANCES																											
WA RASIC CREW #2																											
5430	INSTL TRANSITION MH @ STA. 208+16	5	5	0	02MAY12	08MAY12	65,000.00	0.00	0																	INSTL TRANSITION MH @ STA. 208+16	
PROJECT COMPLETION																											
WA RASIC CREW #2																											
2920	PROJECT PUNCHLIST / CLOSEOUT / WAR DEMOB	10	10	0	11JUL12	24JUL12	57,000.00	0.00	0																	PROJECT PUNCHLIST / CLOSEOUT / WAR DEMOB	
2930	PROJECT INCLEMENT WEATHER ALLOW [BANK; 3 Day]	5	5	0	25JUL12	31JUL12	0.00	0.00	0																	PROJECT INCLEMENT WEATHER ALLOW [BANK; 3 Day]	
2940	PROJECT COMPLETION M/S	0	0	0		28AUG12	0.00	0.00	0																	PROJECT COMPLETION M/S	
OPTIONAL COST ITEMS																											
WA RASIC CREW #2																											
8020	REM/DISP 15" REINF CONC ROADBED W/IN REDLANDS	0	0	0	30APR12	27APR12	51,100.00	0.00	0																	REM/DISP 15" REINF CONC ROADBED W/IN REDLANDS	
8030	F&I [WHEN REQ'D] GEOTEXTILE FABRIC WRAP	0	0	0	30APR12	27APR12	10,000.00	0.00	0																	F&I [WHEN REQ'D] GEOTEXTILE FABRIC WRAP	
8040	OWNER DIRECTED DEMOB/MOB WITHIN PROJECT [4 ea]	0	0	0	30APR12	27APR12	16,000.00	0.00	0																	OWNER DIRECTED DEMOB/MOB WITHIN PROJECT [4 ea]	
8050	OVER-EX DIR BY OWNER [TO TRENCH BTM] @ \$5/LF	0	0	0	30APR12	27APR12	5,000.00	0.00	0																	OVER-EX DIR BY OWNER [TO TRENCH BTM] @ \$5/LF	
8060	OWNER DIR P/L INST'N <2' DPR THAN SHOWN @ \$10/LF	0	0	0	30APR12	27APR12	20,000.00	0.00	0																	OWNER DIR P/L INST'N <2' DPR THAN SHOWN @ \$10/LF	
8070	OWNER DIR P/L INST'N <3' DPR THAN SHOWN @ \$15/LF	0	0	0	30APR12	27APR12	7,500.00	0.00	0																	OWNER DIR P/L INST'N <3' DPR THAN SHOWN @ \$15/LF	
8080	OWNER DIR RELOC; EXIST SEWER LATS (40 @ \$1,300)	0	0	0	30APR12	27APR12	52,000.00	0.00	0																	OWNER DIR RELOC; EXIST SEWER LATS (40 @ \$1,300)	
8090	REM/RPL CRACKED PAVING/BASE ADJ TO P/L AS	0	0	0	30APR12	27APR12	80,000.00	0.00	0																	REM/RPL CRACKED PAVING/BASE ADJ TO P/L AS	
8100	FURNISH ONLY ADD'L 20" HDPE PIPE [200 LF]	0	0	0	30APR12	27APR12	12,000.00	0.00	0																	FURNISH ONLY ADD'L 20" HDPE PIPE [200 LF]	
8110	FIELD ORDERS PER DISTRICT [ALLOWANCE]	0	0	8	30APR12	27APR12	100,000.00	7,600.00	0																	FIELD ORDERS PER DISTRICT [ALLOWANCE]	
8120	PREMIT FEE [ALLOWANCE]	0	0	0	30APR12	27APR12	400,000.00	0.00	0																	PREMIT FEE [ALLOWANCE]	
PROCUREMENTS																											
WA RASIC CREW #2																											
9130	PREP & SUBMIT SLURRY SEAL MIX DESIGN [02520]	50	13	74	17AUG11 A	16MAY12	0.00	0.00	0																	PREP & SUBMIT SLURRY SEAL MIX DESIGN [02520]	
9140	PREP & SUBMIT PAVEMNT, STRIPING & MARKING [2600]	50	13	74	17AUG11 A	16MAY12	0.00	0.00	0																	PREP & SUBMIT PAVEMNT, STRIPING & MARKING [2600]	
9290	PREP & SUBMIT PRE-ENG FBRGL ENCLS [13710]	50	13	74	17AUG11 A	16MAY12	0.00	0.00	0																	PREP & SUBMIT PRE-ENG FBRGL ENCLS [13710]	
9350	PREP & SUBMIT ELECTRICAL MATL'S / DATA [16050]	50	13	74	17AUG11 A	16MAY12	0.00	0.00	0																	PREP & SUBMIT ELECTRICAL MATL'S / DATA [16050]	
9000	START PROCUREMENTS [EARLY ONLY]	0	0	100	17AUG11 A		0.00	0.00																		START PROCUREMENTS [EARLY ONLY]	
9020	PREP & SUBMIT TRAFFIC CONTROL PLANS [00700]	15	0	100	17AUG11 A	06DEC11 A	0.00	0.00																		PREP & SUBMIT TRAFFIC CONTROL PLANS [00700]	
9030	PREP & SUBMIT LABOR / EQUIP RATES [00700]	15	0	100	17AUG11 A	01SEP11 A	0.00	0.00																		PREP & SUBMIT LABOR / EQUIP RATES [00700]	
9040	PREP & SUBMIT SUBMIT SCHEDULE OF VALUES [01301]	15	0	100	17AUG11 A	30SEP11 A	0.00	0.00																		PREP & SUBMIT SUBMIT SCHEDULE OF VALUES [01301]	
9050	PREP & SUBMIT PREL. BASELINE SCHEDULE [01311]	15	0	100	17AUG11 A	14OCT11 A	0.00	0.00																		PREP & SUBMIT PREL. BASELINE SCHEDULE [01311]	
9060	PREP & SUBMIT CONSTR'N FACILTY PLAN [01505]	15	0	100	17AUG11 A	01SEP11 A	0.00	0.00																		PREP & SUBMIT CONSTR'N FACILTY PLAN [01505]	
9070	PREP & SUBMIT SHORING DESIGN PLANS [02010]	15	0	100	17AUG11 A	07SEP11 A	0.00	0.00																		PREP & SUBMIT SHORING DESIGN PLANS [02010]	
9080	PREP & SUBMIT PIPE TRENCH MATERIALS [02223]	15	0	100	17AUG11 A	07SEP11 A	0.00	0.00																		PREP & SUBMIT PIPE TRENCH MATERIALS [02223]	
9090	PREP & SUBMIT TRENCH SHORING DATA/PLANS [02350]	15	0	100	17AUG11 A	01SEP11 A	0.00	0.00																		PREP & SUBMIT TRENCH SHORING DATA/PLANS [02350]	
9110	PREP & SUBMIT SWPPP [02372]	30	0	100	17AUG11 A	22SEP11 A	0.00	0.00																		PREP & SUBMIT SWPPP [02372]	
9120	PREP & SUBMIT PAVING MATL'S BY LOC'N [02510]	30	0	100	17AUG11 A	07SEP11 A	0.00	0.00																		PREP & SUBMIT PAVING MATL'S BY LOC'N [02510]	
9160	PREP & SUBMIT OLSON PREC CONC MH's [03460]	25	0	100	17AUG11 A	09SEP11 A	0.00	0.00																		PREP & SUBMIT OLSON PREC CONC MH's [03460]	

[illegible]

	Act ID	Description	Orig Dur	Rem Dur	%	Early Start	Early Finish	Budgeted Cost	Earned Value Cost	Total Float	2011					2012										
											AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
	9132	REV/APPR SLURRY SEAL MIX DESIGN	10	0	100	27MAR12 A	29MAR12 A	0.00	0.00																	
	9294	FAB & DEL PRE-ENG FIBERGLASS ENCLS	20	20	0	14MAY12	11JUN12	0.00	0.00	0																
	9142	REV/APPR PAVE/STRIPING/MARKING [02600]	10	10	0	17MAY12	31MAY12	0.00	0.00	0																



TO
DATE

CLIENT: YVWD
PROJECT: Regional Brineline Phase 3
CLIENT CONTRACT NUMBER/PO: P-03-213
WAR PROJECT NUMBER: 11PC-012

Altered Work
Data Date
Weekends / Holidays (No Work)
Daytime Work
Night Work
Overdue

05/24/12

[illegible]

BOND # 4489006

PREMIUM: \$ 2,953.00

**BOND TO RELEASE MONEY WITHHELD ON STOP NOTICE
PURSUANT TO SECTION 3196 C.C.P. OF THE CIVIL CODE**

KNOW ALL BY THESE PRESENTS:

That we, W.A. Rasic Construction Co., Inc.,

as Principal, and Great American Insurance Company
a Corporation duly organized and existing under the laws of the State of Ohio

and duly authorized and licensed by the laws of the
State of California to transact a general surety business in the State of California, as Surety, are held and firmly bound unto
Yucaipa Valley Water District

as Oblige, in the sum of Two Hundred Ninety Five Thousand Three Hundred Twelve and 50/100

(\$ 295,312.50)

Dollars, lawful money of the United States of America, to the payment of which, well and truly to be made, we bind ourselves, our heirs,
executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, That

WHEREAS, W.A. Rasic Construction Co., Inc.,

as General Contractor entered into a contract with the Oblige for various improvements at Regional Brineline Extension Phase III
Santa Ana River at Hunts Lane, San Bernardino, CA

WHEREAS, the said Principal has entered into a written subcontract with T&D Services, Inc. dba T&D Trenchless

for Horizontal Directional Drilled Installation of 1575' of 22" HDPE Pipe under Santa Ana River at Hunts Lane

WHEREAS, Notice of Claim and Notice to Withhold has been filed against the payments which are due the said Principal in connection with
said contract,

WHEREAS, the said Principal disputes the correctness or validity of any claim so filed and desires to execute and file with said Oblige a
bond pursuant to the provisions of Section 3196 C.C.P. of the Civil Code to enable the Oblige to pay said fund under the provisions of said
contract to the Principal, notwithstanding said Notice of Claim and Notice to Withhold.

NOW, THEREFORE, if the above named Principal shall hold the Oblige herein harmless against any loss by reason of or arising out of the
release of said fund, or which said claimant may recover on said claim, together with the costs of suit brought on said claim, not exceeding the
penal sum of this bond, then this obligation shall be void, otherwise to remain in full force and effect.

Witness the hand and seal of the said Principal, and witness also the corporate seal of the said Surety and the signature of its duly
authorized Attorney-in-Fact, at San Francisco, California, this 15th day of May, 2012.

W.A. Rasic Construction Co., Inc.

(Principal)

BY:

Peter L. Rasic, President

Great American Insurance Company

(Surety)

BY:

Attorney-in-Fact
Daniel Huckabay

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of LOS ANGELES

On MAY 16, 2012

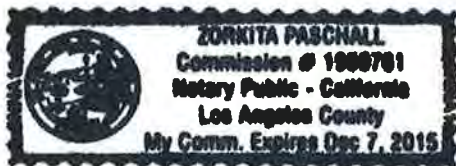
before me, PETER L. RASIC

ZORKITA PASCHALL, Notary Public

personally appeared

Here Insert Name and Title of the Officer

Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Zorkita Paschall

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

BOND TO RELEASE MONEY WITHHELD ON STOP NOTICE

Title or Type of Document:

Document Date: MAY 15, 2012 Number of Pages: ONE

Signer(s) Other Than Named Above: GREAT AMERICAN INSURANCE COMPANY

Capacity(ies) Claimed by Signer(s)

Signer's Name: PETER L. RASIC

- ☐ Individual
☒ Corporate Officer — Title(s): PRESIDENT
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: W.A. Rasic Construction Co., Inc.

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA

County of Orange

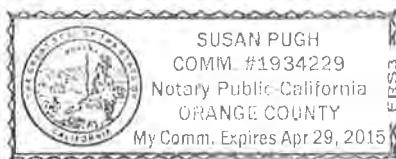
On 5/15/12 before me, Susan Pugh, Notary Public

Date

Here Insert Name and Title of the Officer

personally appeared Daniel Huckabay

Name(s) of Signer(s)



Place Notary Seal Above

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature

Signature of Notary Public

Susan Pugh

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Bond to Release Money Withheld on Stop Notice

Document Date: 5/15/12 Number of Pages: One

Signer(s) Other Than Named Above: None

Capacity(ies) Claimed by Signer(s)

Signer's Name: Daniel Huckabay

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☒ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

GREAT AMERICAN INSURANCE COMPANY®**Administrative Office: 301 E 4TH STREET • CINCINNATI, OHIO 45202 • 513-369-5000 • FAX 513-723-2740**

The number of persons authorized by
this power of attorney is not more than **TWO**

No. 014489

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Ohio, does hereby nominate, constitute and appoint the person or persons named below, each individually if more than one is named, its true and lawful attorney-in-fact, for it and in its name, place and stead to execute on behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

Name
DANIEL HUCKABAY
ARTURO AYALA

Address
BOTH OF
ORANGE
CALIFORNIA

Limit of Power
BOTH
\$75,000,000.00

This Power of Attorney revokes all previous powers issued in behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 28th day of, JULY, 2011.

Attest

GREAT AMERICAN INSURANCE COMPANY



David C. Kitchen

David C. Kitchen

STATE OF OHIO, COUNTY OF HAMILTON - ss:

DAVID C. KITCHIN (513-412-4602)

On this 28th day of JULY, 2011, before me personally appeared DAVID C. KITCHIN, to me known, being duly sworn, deposes and says that he resides in Cincinnati, Ohio, that he is a Divisional Senior Vice President of the Bond Division of Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



KAREN L. GROSHEIM
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 02-20-16

Karen L. Grosheim

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of Great American Insurance Company by unanimous written consent dated June 9, 2008.

RESOLVED: That the Divisional President, the several Divisional Senior Vice Presidents, Divisional Vice Presidents and Divisional Assistant Vice Presidents, or any one of them, be and hereby is authorized, from time to time, to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligations in the nature thereof; to prescribe their respective duties and the respective limits of their authority; and to revoke any such appointment at any time.

RESOLVED FURTHER: That the Company seal and the signature of any of the aforesaid officers and any Secretary or Assistant Secretary of the Company may be affixed by facsimile to any power of attorney or certificate of either given for the execution of any bond, undertaking, contract of suretyship, or other written obligation in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, STEPHEN C. BERAHA, Assistant Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of June 9, 2008 have not been revoked and are now in full force and effect.

Signed and sealed this **15th** day of **May**, 2012 .



Stephen C. Beraha

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)
CONSTRUCTION SUBMITTAL LOG**

SUBMITTAL NO.	DATE RECEIVED	MATERIAL DESCRIPTION	SUPPLIER	INFORMATION PROVIDED STATES AMERICAN BOUGHT	LOCATION OF FACTORY PROVIDED	USA MADE COMPONENTS	SUBSTANTIAL TRANSFORMATION	DATE RETURNED	FIRST SUBMITTAL - X SECOND SUBMITTAL - X THIRD SUBMITTAL - X					
									NO EXCEPTIONS TAKEN	MAKE CORRECTIONS NOTED	SUBMIT SPECIFIED ITEMS	REVISE AND RESUBMIT	REJECTED	OTHER
N/A	08/08/11	10-Day Good Faith Effort Submittal	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	N/A						
N/A	08/24/11	Injury and Illness Prevention Program	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	09/14/11						X
N/A	10/06/11	Preconstruction Video	Video Fact	N/A	N/A	N/A	N/A	N/A						X
001-01	08/24/11	HDPE 20" DR 9 Pipe Material	JM Eagle	Y	Y	Y	N/A	08/30/11	X					
002-01	08/24/11	HDPE 20" DR 17 Pipe Material	JM Eagle	Y	Y	Y	N/A	08/30/11	X					
003-01	09/07/11	Bore and Jack	Pipe Jacking Unlimited	N/A	N/A	N/A	N/A	09/30/11			X	X		
003-02	10/07/11	Bore and Jack	Pipe Jacking Unlimited	N/A	N/A	N/A	N/A	10/11/11		X	X			
004-01	09/07/11	Shoring Design Case 1 - Beam and Lag 20' Deep Jacking Pit	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
004-02	01/11/12	Shoring Design Case 1 - Beam and Lag 20' Deep Jacking Pit (Revision 1 for Adjacent Blow-Off Excavation)	Woodcrest Engineering	N/A	N/A	N/A	N/A	01/11/12						X
005-01	09/07/11	Shoring Design Case 2 - Beam and Lag 20' Deep Receiving Pit	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
006-01	09/07/11	Shoring Design Case 3 - Shields	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
007-01	09/07/11	Shoring Design Case 4 - Aluminum Shores	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
008-01	09/07/11	Shoring Design Case 5 - Bore Pits Shield Method	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
009-01	09/07/11	Shoring Design Case 6 - Jack Pit at San Timoteo Creek	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
010-01	09/07/11	Shoring Design Case 7 - Receiving Pit at San Timoteo Creek	Woodcrest Engineering	N/A	N/A	N/A	N/A	09/19/11						X
011-01	09/07/11	Air Vacuum Valves	RF Technologies, Inc. (Vent-O-Mat)	Y	Y	N	Y	09/16/11		X				
012-01	N/A	Schedule of Values	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	N/A						
013-01	09/07/11	Original Baseline CPM Schedule	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	09/13/11			X	X		
013-02	09/07/11	Primavera SureTrak 3.0 Software	Primavera	N/A	N/A	N/A	N/A	N/A						
013-03	10/17/11	Revised Baseline CPM Schedule	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	11/01/11						X
013-04	11/30/11	November 2011 Schedule Update	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	12/09/11						X
014-01	09/07/11	Asphalt Concrete Pavement (Holliday Mix No. PG14)	Holliday Companies	N/A	N/A	N/A	N/A	09/29/11	X					
015-01	09/07/11	Asphalt Concrete Pavement (Holliday Mix No. PG19)	Holliday Companies	N/A	N/A	N/A	N/A	09/29/11	X					
016-01	09/07/11	2-Sack Sand Cement Slurry	Holliday Companies	N/A	N/A	N/A	N/A	09/29/11	X					
017-01	09/07/11	Concrete Mix Design - 3,250 psi	Holliday Companies	N/A	N/A	N/A	N/A	09/29/11	X					
018-01	09/07/11	Concrete Mix Design - 2,500 psi	Holliday Companies	N/A	N/A	N/A	N/A	09/29/11	X					
019-01	09/07/11	Asphalt Concrete Pavement - Cold Mix	Vulcan Materials Company	N/A	N/A	N/A	N/A	09/29/11	X					
020-01	09/07/11	Asphalt Concrete Pavement (Vulcan Mix Nos. 46477-5, 46480-4, and 46479-4)	Vulcan Materials Company	N/A	N/A	N/A	N/A	09/29/11	X					
021-01	09/07/11	Asphalt Concrete Pavement (Vulcan Mix Nos. 46477-3, 46480-2, and 46479-2)	Vulcan Materials Company	N/A	N/A	N/A	N/A	09/29/11	X					
022-01	09/07/11	Rubberized Asphalt Concrete Pavement	Vulcan Materials Company	N/A	N/A	N/A	N/A	09/29/11	X					
023-01	09/07/11	3/4" Class 2 Base	Vulcan Materials Company	N/A	N/A	N/A	N/A	09/29/11	X					
024-01	09/07/11	3/4" Crushed Rock	Vulcan Materials Company	N/A	N/A	N/A	N/A	09/29/11	X					
025-01	09/07/11	HDPE Pipe Fittings	Industrial Pipe Fittings, LLC	Y*	Y*	Y*	N/A*	09/15/11			X	X		
025-02	09/26/11	HDPE Pipe Fittings	Industrial Pipe Fittings, LLC, Maskell	Y	Y	Y	N/A	09/30/11				X		
025-03	10/07/11	HDPE Pipe Fittings	Industrial Pipe Fittings, LLC, Maskell	Y	Y	Y	N/A	10/07/11		X				
026-01	09/09/11	Precast Manholes	Olson Precast Company	N	N	?	?	09/21/11			X	X		
026-02	10/11/11	Precast Manholes	Olson Precast Company	Y	Y	Y	N/A	10/12/11		X	X			
027-01	09/09/11	Project Signs	Myers & Sons H-Way Safety	N/A	N/A	N/A	N/A	09/13/11	X		X			
028-01	09/09/11	Precast Utility Vault and Manhole	Olson Precast Company	N	N	?	?	09/21/11			X	X		

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)
CONSTRUCTION SUBMITTAL LOG**

SUBMITTAL NO.	DATE RECEIVED	MATERIAL DESCRIPTION	SUPPLIER	INFORMATION PROVIDED STATES AMERICAN BOUGHT	LOCATION OF FACTORY PROVIDED	USA MADE COMPONENTS	SUBSTANTIAL TRANSFORMATION	DATE RETURNED	FIRST SUBMITTAL - X SECOND SUBMITTAL - X THIRD SUBMITTAL - X					
									NO EXCEPTIONS TAKEN	MAKE CORRECTIONS NOTED	SUBMIT SPECIFIED ITEMS	REVISE AND RESUBMIT	REJECTED	OTHER
028-02	10/11/11	Precast Utility Vault and Manhole	Olson Precast Company	Y	Y	Y	N/A	10/14/11	X		X	X		
028-03	11/04/11	96" Diameter PVC Lined Precast Manhole	Olson Precast Company	Y	Y	Y	N/A	11/08/11		X				
028-04	04/12/12	Revised 96" Diameter Manhole at Connection to Existing 36" SARI	Olson Precast Company				N/A	04/16/12		X				
029-01	09/13/11	Horizontal Directional Drilling	Golden State Boring & Pipe Jacking, Inc.	N/A	N/A	N/A	N/A	09/16/11			X	X		
029-02	09/23/11	Horizontal Directional Drilling	Golden State Boring & Pipe Jacking, Inc.	N/A	N/A	N/A	N/A	10/03/11			X	X		
029-03	10/11/11	Horizontal Directional Drilling	Golden State Boring & Pipe Jacking, Inc.	N/A	N/A	N/A	N/A	10/13/11	X		X			
030-01	09/19/11	Settlement Monitoring for Bore and Jack	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	09/28/11				X		
030-02	10/06/11	Settlement Monitoring for Bore and Jack	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	10/07/11		X				
031-01	09/19/11	Ductile Iron Pipe, Fittings, Valves, and Hardware	HD Supply (Various Manufacturers)	N	N	N	N	09/28/11	X	X	X	X		
031-02	10/14/11	Ductile Iron Pipe, Fittings, Valves, and Hardware	HD Supply (Various Manufacturers)	N	N	N	N	10/21/11	X	X	X			
031-03	10/20/11	Ductile Iron Pipe, Fittings, Valves, and Hardware	HD Supply (Various Manufacturers)	N	N	N	N	10/21/11	X	X	X			
031-04	10/31/11	Ductile Iron Pipe, Fittings, Valves, and Hardware	HD Supply (Various Manufacturers)	----	----	----	----	11/02/11						X
031-04 (Sup)	11/15/11	Resilient Wedge Gate Valves	Clow Valve Company	N	N	N	N	11/23/11				X		
031-05	03/08/12	Ductile Iron Pipe, Fittings, Valves, and Hardware	HD Supply (Various Manufacturers)	Y	Y	Y	Y	03/26/12	X					
032-01	09/23/11	SWPPP	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	09/28/11			X	X		
032-02	10/07/11	SWPPP	W.A. Rasic Construction Inc.	N/A	N/A	N/A	N/A	11/01/11						X
033-01	09/26/11	HDPE Pipe Fusion Procedures, Equipment, and Technician Qualifications	Maskell Pipeline and Supply	N/A	N/A	N/A	N/A	10/05/11		X	X			
033-02	10/17/11	HDPE Pipe Fusion Procedures, Equipment, and Technician Qualifications	Maskell Pipeline and Supply	N/A	N/A	N/A	N/A	10/19/11		X				
033-03	11/30/11	HDPE Pipe Fusion Procedures, Equipment, and Technician Qualifications	Maskell Pipeline and Supply	N/A	N/A	N/A	N/A	12/01/11	X					
033-04	12/20/11	HDPE Pipe Fusion Procedures, Equipment, and Technician Qualifications	Maskell Pipeline and Supply	N/A	N/A	N/A	N/A	12/21/11	X					
033-05	03/16/12	Additional HDPE Pipe Fusion Equipment	Maskell Pipeline and Supply	N/A	N/A	N/A	N/A	03/16/12	X					
033-06	06/07/12	HDPE Pipe Fusion Equipment: Genensis Electrofusion Processor		N/A	N/A	N/A	N/A	06/11/12	X					
034-01	09/28/11	Tierrag 3/4" Crushed Rock	Riverside Mining Company	N/A	N/A	N/A	N/A	10/11/11					X	
034-02	02/01/12	Tierrag 3/4" Crushed Rock	Riverside Mining Company	N/A	N/A	N/A	N/A	02/03/12					X	
034-03	02/10/12	Tierrag 3/4" Crushed Rock	Riverside Mining Company	N/A	N/A	N/A	N/A	02/13/12	X					
035-01	10/06/11	Shoring Design Case 11 - Jacking Backstop for Typical Jack Pits	Woodcrest Engineering	N/A	N/A	N/A	N/A	10/11/11						X
036-01	10/14/11	Shoring Design Case 8 - Open Cut Shoring Design	Woodcrest Engineering	N/A	N/A	N/A	N/A	10/19/11					X	
036-02	11/09/11	Shoring Design Case 8 - Open Cut Shoring Design	Woodcrest Engineering	N/A	N/A	N/A	N/A	11/10/11						X
037-01	10/19/11	Backstop Plate Design Case 12 - 400 Ton for Beam and Lag Pit	Woodcrest Engineering	N/A	N/A	N/A	N/A	10/20/11						X
038-01	10/20/11	Tapping Sleeves	JCM Industries, Inc.	N	Y	N	N	10/21/11	X		X			
038-02	06/07/12	ARRA Certification Documents for Tapping Sleeves	JCM Industries, Inc.	Y	Y	Y	Y	06/11/12	X					
039-01	11/15/11	Wax Tape Coating System	Trenton					11/23/11	X					
039-02	12/19/11	Proposed Alternative to Wax Tape Coating System	Christy's					12/21/11	X					
040-01	11/30/11	Concrete Mix Design - 3,200 psi	Robertson's	N/A	N/A	N/A	N/A	12/01/11	X					
041-01	12/05/11	FST Sand and Gravel 3/4" Class II Aggregate Base	FST	N/A	N/A	N/A	N/A	12/08/11	X					
042-01	12/05/11	FST Sand and Gravel 3/4" Crushed Rock	FST	N/A	N/A	N/A	N/A	12/08/11	X					
043-01	12/19/11	Concrete Mix Design - 5,000 psi	Holliday Companies	N/A	N/A	N/A	N/A	12/19/11	X					
044-01	01/05/12	Vulcan Materials PG 64-10 Type 3 Class C3 Mix	Vulcan Materials Company	N/A	N/A	N/A	N/A	01/06/12	X					
045-01	01/25/12	Electrical Distribution and Control	Tesco Controls, Inc.	N	N	N	N	01/30/12			X	X		

**YUCAIPA VALLEY WATER DISTRICT
REGIONAL BRINELINE EXTENSION (PHASE 3)
CONSTRUCTION SUBMITTAL LOG**

SUBMITTAL NO.	DATE RECEIVED	MATERIAL DESCRIPTION	SUPPLIER	INFORMATION PROVIDED STATES AMERICAN BOUGHT	LOCATION OF FACTORY PROVIDED	USA MADE COMPONENTS	SUBSTANTIAL TRANSFORMATION	DATE RETURNED	FIRST SUBMITTAL - X SECOND SUBMITTAL - X THIRD SUBMITTAL - X					
									NO EXCEPTIONS TAKEN	MAKE CORRECTIONS NOTED	SUBMIT SPECIFIED ITEMS	REVISE AND RESUBMIT	REJECTED	OTHER
045-02	02/10/12	Electrical Distribution and Control	Tesco Controls, Inc.	N	N	N	N	02/17/12		X	X			
045-03	03/20/12	Electrical Distribution and Control	Tesco Controls, Inc.	N	N	N	N	03/23/12		X	X			
046-01	02/28/12	Pre-Engineered Fiberglass Enclosure	Tesco Controls, Inc.	N	N	N	N	03/23/12		X	X			
047-01	03/01/12	Polystyrene Pad at Transition Manhole	Atlas EPS	N/A	N/A	N/A	N/A	03/08/12	X					
048-01	03/15/12	Vulcan Fill Rock	Vulcan Materials Company	N/A	N/A	N/A	N/A	03/16/12		X				
049-01	03/15/12	Tierrag 3/8" Crushed Rock	Colton Aggregate Gratings	N/A	N/A	N/A	N/A	03/16/12					X	
050-01	03/28/12	Slurry Seal Mix Design for Van Leuven	Paragon Technical Services/Ergon Asphalt	N/A	N/A	N/A	N/A	03/29/12	X					

KRIEGER & STEWART, INCORPORATED

REQUEST FOR INFORMATION (RFI) LOG

PROJECT: Regional Brineline Extension (Phase 3)
Project No. P-03-213

K&S JOB NO.: 818-63.6.4 RFI

OWNER: Yucaipa Valley Water District

CONTRACTOR: W.A. Rasic Construction Inc.

LOCATION: San Bernardino/Loma Linda, CA

RFI NO.	DATE REC'D	DESCRIPTION	REPLY REQ'D	REPLY DATE	REMARKS
1	9/16/11	Encroachment Permit for Potholing (within City of San Bernardino)	Y	9/20/11	See RFI and response for details.
2	9/21/11	Traffic Loops / Bore and Jack Across Hospitality Lane	Y	9/28/11	Contractor is responsible for: impacts to traffic loops, implementing traffic signal timing sheets if needed, operating traffic control signals in areas where required, and coordinating with the pertinent agency for any traffic signal operational needs during construction. See RFI response for agreed to no cost modification to the particular intersection referenced in this RFI.
3	9/21/11	Traffic Control Within Jurisdiction of City of San Bernardino	Y	10/3/11	Issue resolved during the week of 9/26/11, when City of San Bernardino approved Traffic Control Plans (including changes requested by W.A. Rasic). Requested copy of revised Traffic Control Plans and permits from City.
4	9/28/11	Bore and Jack at Hunts Lane / Hospitality Lane	Y	10/3/11	Appears this RFI is no longer required as the City of San Bernardino approved the changes to the Traffic Control Plans requested by W.A. Rasic. Requested copy of revised Traffic Control Plans and permits from City. See RFI and response for details.
5	10/4/11	Utility Conflicts at the Intersection of West Redlands Boulevard and Concourse (Club) Way	Y	10/7/11	20" Brineline will be moved 6.4± feet in the westerly direction. See RFI response and revised Drawing C-6.
6	10/4/11	Air Valve and Drain Quantities	Y	10/7/11	Nine air valves shall be furnished and installed (see RFI response for locations). Air valves at Stations 96+45 and 269+70 shall be eliminated. Four drains shall be provided as shown on the Drawings. Change Order will be issued for the addition of one air valve and one drain.
7	10/4/11	Utility Conflicts at the Intersection of West Redlands Boulevard and Concourse (Club) Way	Y	10/7/11	20" Brineline will be moved 6.4± feet in the westerly direction. See RFI response and revised Drawing C-6.
8	10/5/11	Utility Conflicts at Northwestern Portion of Project	Y	10/6/11	See RFI response and revised Drawings C-2 through C-5 and C-29 for details regarding movement of 20" Brineline and jacking and receiving pits.
9	10/5/11	Utility Conflicts at Northwestern Portion of Project	Y	10/6/11	See RFI response and revised Drawings C-2 through C-5 and C-29 for details regarding movement of 20" Brineline and jacking and receiving pits.
10	10/5/11	2" Conduit Supplied by the City of Loma Linda	Y	10/20/11	The City will replace a portion of the supplied conduit. See RFI and response for details.

KRIEGER & STEWART, INCORPORATED
REQUEST FOR INFORMATION (RFI) LOG
(continued)

PROJECT: Regional Brineline Extension (Phase 3)
Project No. P-03-213
OWNER: Yucaipa Valley Water District
LOCATION: San Bernardino/Loma Linda, CA

K&S JOB NO.: 818-63.6.4 RFI
CONTRACTOR: W.A. Rasic Construction Inc.

RFI NO.	DATE REC'D	DESCRIPTION	REPLY REQ'D	REPLY DATE	REMARKS
11	10/5/11	Utility Conflicts at the Intersection of West Redlands Boulevard and Concourse (Club) Way	Y	10/7/11	20" Brineline will be moved 6.4± feet in the westerly direction. See RFI response and revised Drawing C-6.
12	10/5/11	Utility Conflicts at Northwestern Portion of Project	Y	10/6/11	See RFI response and revised Drawings C-2 through C-5 and C-29 for details regarding movement of 20" Brineline and jacking and receiving pits.
13	10/11/11	Size of Lettering on Manhole Covers	Y	10/12/11	Contractor's request to provide 2" letters due to lead time is acceptable.
14	10/19/11	Unknown/Unmarked 6" Steel Pipeline in East Caroline Street	Y		Assuming that the utility remains unclaimed, it would seem appropriate to remove interfering portions of the 6" steel pipeline while excavating the trench for the Brineline and install a bulkhead on both ends. Work to be coordinated with inspector, efforts tracked, and if significant, a change order issued. See RFI response for specific locations and details.
15	10/20/11	Underground Classification C063-071-10T	Y	10/20/11	Question should be directed to and answered by Division of Occupational Safety and Health Mining and Tunneling Unit. W.A. Rasic is scheduled to meet with the division on 10/21/11. Requested that Contractor inform K&S if additional action is required after said meeting. After sending RFI response, revised Classification received.
16	10/20/11	96" Diameter Manhole at Connection to Existing 36" SARI Pipeline	Y	10/20/11	Specification Section 03485 includes requirements for 96" diameter manhole at the connection to the existing 36" SARI pipeline, in addition to the precast utility vault. As requested in Submittal No. 028-02 Review Comments, prepare and submit design for foundation and roof. See RFI and response for specific details.
17	10/27/11	Existing 21" Sewer Line and Manhole at Gage Canal	Y	10/28/11	See RFI for details regarding course of action agreed to at 10/26/11 field meeting.
18	10/27/11	Utility Poles Adjacent to Union Pacific Right-of-Way	Y	10/28/11	Brineline will be relocated to facilitate construction. See RFI response for specific details. Design engineer is preparing revised Drawings C-12 and C-13.
19	10/27/11	Sewer Manhole Adjacent to Union Pacific Right-of-Way	Y	10/28/11	Brineline will be relocated to facilitate construction. See RFI response for specific details. Design engineer is preparing revised Drawings C-12 and C-13.
20	10/27/11	Damaged Utilities on San Bernardino County Property	Y	10/28/11	RFI for documentation purposes only. Repairs completed.
21	10/31/11	Rip-Rap Material Encountered at Station 130+00 ±	Y	11/2/11	See RFI and RFI response. See also RFI Nos. 18 and 19 (and corresponding responses).

KRIEGER & STEWART, INCORPORATED
REQUEST FOR INFORMATION (RFI) LOG
(continued)

PROJECT: Regional Brineline Extension (Phase 3)
Project No. P-03-213
OWNER: Yucaipa Valley Water District
LOCATION: San Bernardino/Loma Linda, CA

K&S JOB NO.: 818-63.6.4 RFI
CONTRACTOR: W.A. Rasic Construction Inc.

RFI NO.	DATE REC'D	DESCRIPTION	REPLY REQ'D	REPLY DATE	REMARKS
22	10/31/11	Utility Pole at Station 93+30 ±	Y	11/2/11	Pole (shown on Drawings) is nearly 6 feet from the centerline of pipe and should not be in proposed trench. Would be prudent for W.A. Rasic to contact pole owner (SCE) to determine if they have special requirements to protect pole in place.
23	11/10/11	Proposed Change in HDD Vertical Alignment at Santa Ana River	Y	11/14/11	Golden State Boring's proposal to lower the elevation of the drill path 30' is acceptable provided that the change is made at no cost to the District.
24	12/14/11	Bore and Jack at Orange Grove and Van Leuven	Y	12/15/11	Subsequent to the preparation of this RFI, W.A. Rasic discussed the matter with Pipe Jacking Unlimited and determined that the facilities can be constructed in accordance with the Contract Documents. RFI no longer necessary.
25	12/14/11	Unknown/Unmarked Utilities at Stations 35+41.5 and 35+43.0	Y	12/15/11	W.A. Rasic discovered unknown/unmarked waterline and gas line and was delayed for approximately 1.25 hours doing investigative work. Matter was resolved and RFI no longer necessary.
26	2/6/12	Jacking Pit West of the San Timoteo Creek Channel	Y	2/7/12	W.A. Rasic's proposal to shift the jacking pit in the easterly direction is acceptable with conditions. See RFI response for details.
27	2/6/12	Alignment of 20" Brineline on Mission Road	Y	3/14/12	W.A. Rasic discovered unknown/unmarked reclaimed waterline running parallel to proposed 20" brineline. See RFI and response (containing revised Drawings C-22 through C-27).
28	3/6/12	Tie-In to Existing SAWPA SARI Line	Y	4/25/12	Response no longer needed. SAWPA was able to temporarily shut down existing 36" SARI Line and work is complete.
29	4/10/12	Clamp-on Flow Meter	Y	4/13/12	Doppler method not required. Requested that Contractor submit credit proposal for eliminating the Doppler.
30	5/31/12	Unknown Concrete Obstruction Under A.C. paving in Mission Road	Y	6/14/12	Unanticipated saw-cutting was required and performed. W.A. Rasic to assemble its costs for this work.
31	6/13/12	Alternative Conduit Installation	Y	6/14/12	Proposal is acceptable. See RFI for details.

KRIEGER & STEWART, INCORPORATED
CLARIFICATION LOG

PROJECT: Regional Brineline Extension (Phase 3)
 Project No. P-03-213
 OWNER: Yucaipa Valley Water District
 LOCATION: San Bernardino/Loma Linda, CA

K&S JOB NO.: 818-63.6.4 CLAR
 CONTRACTOR: W.A. Rasic Construction Inc.

CLAR. NO.	DATE	DESCRIPTION	REMARKS
1	9/28/11	Modification to Transition Manhole (Detail 1 on Sheet D-3)	Clarification presented revised sketch from Design Engineer to show adjustment (i.e. shortening) of HDPE portion of Transition Manhole to ensure there will be adequate space for bolting and unbolting of the 1/2" steel cover plate. See Clarification for details.
2	10/21/11	Tie-In to Existing 36" RCP SARI Pipeline	Clarification presented two revised Drawings that were prepared due to discoveries made while potholing the existing 36" RCP SARI pipeline at the proposed tie-in location.
3	11/3/11	Revised Alignment of Brineline Adjacent to Union Pacific Right-of-Way	Clarification presented revised Drawings C-12 through C-15. Also reference RFI Nos. 18 and 19.
4	11/29/11	Revised Vertical Alignment of Brineline Due to Conflict with Existing 10" Sewer at Station 155+23±	Clarification presented redline of profile on Drawing C-16. Change to be incorporated into final "As-Built" Drawings.
5	12/21/11	Revised Alignment of Brineline on Van Leuven Between San Timoteo Creek and Curtis Street	Clarification presented revised Drawings C-18 and C-19 due to conflict with existing telephone facilities. See Clarification and revised Drawings for details.

W. A. Rasic Construction
4150 Long Beach Boulevard
Long Beach, CA 90807

SCHEDULE OF VALUES

CLIENT: Yucaipa Valley Water District
PROJECT:
CLIENT SPECIFICATION NUMBER:
WAR PROJECT NUMBER: 11PC-012

APPLICATION NUMBER:
DATE:
FROM:
TO:

10:													
ITEM NO.	Bid Item	DESCRIPTION OF ITEM	APPROX QTY	UNIT	UNIT PRICE	SCHEDULED VALUE	D		E	F	G	H	I
							WORK COMPLETED			MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G/C)	BALANCE TO FINISH (C-G)
							DOLLARS FROM PREVIOUS APPLICATION	QTY-PER-UNIT THIS PERIOD	DOLLARS THIS PERIOD				
PROJECT START / MOBILIZATION													
1000		PROJECT AWARD	1	LS	0.00	0.00					\$ -	NA	\$ -
1010		ISSUANCE OF CONF. SPECS/PLANS	1	LS	0.00	0.00					\$ -	NA	\$ -
1290	1	GEN BASELINE SCHEDULE	1	LS	7,000.00	7,000.00					\$ -	0%	\$ 7,000.00
1280	1	BID BOND	1	LS	80,000.00	80,000.00					\$ -	0%	\$ 80,000.00
1020	1	PROCURE CITY & COUNTY PERMITS	1	LS	0.00	0.00					\$ -	NA	\$ -
1030	1	SCOUT / PROCURE CONSTRUCTION YARD	1	LS	3,000.00	3,000.00					\$ -	0%	\$ 3,000.00
1060	1	SET-UP OFFICE / YARD	1	LS	40,000.00	40,000.00					\$ -	0%	\$ 40,000.00
1070	3	POTHOLING I (EARLY WORK) - SB CO.	1	LS	40,000.00	40,000.00					\$ -	0%	\$ 40,000.00
1075	3	POTHOLING II (BALANCE OF WORK) - INTERMITTENT	1	LS	60,000.00	60,000.00					\$ -	0%	\$ 60,000.00
1080	1	SWPPP SET-UP & IMPLEMENTATION	1	LS	30,000.00	30,000.00					\$ -	0%	\$ 30,000.00
1085	29	FURNISH AND INSTALL 1 1/4" SINGLE CONDUIT	13,600	LF	5.00	68,000.00					\$ -	0%	\$ 68,000.00
1095	30	FURNISH AND INSTALL 1 1/4" QUAD CONDUIT	8,560	LF	10.00	85,600.00					\$ -	0%	\$ 85,600.00
1130	1	INSTALL TEMP STAIRS/RAMPS FOR PED ACCESS	1	LS	12,500.00	12,500.00					\$ -	0%	\$ 12,500.00
1170	2	MOBILIZATION	1	LS	237,000.00	237,000.00					\$ -	0%	\$ 237,000.00
1190	3	INSTALL PROJECT SIGNS (3)	3	EA	1,000.00	3,000.00					\$ -	0%	\$ 3,000.00
1465	1	REMOVE TEMP STAIRS/RAMPS @ COUNTY PKG LOTS	1	LS	7,500.00	7,500.00					\$ -	0%	\$ 7,500.00
31		FURNISH AND INSTALL PRESSURE TEST EQ.	15	EA	0.00	0.00					\$ -	NA	\$ -
8120		PERMIT FEE ALLOWANCE	1	LS	400,000.00	400,000.00					\$ -	0%	\$ 400,000.00
HORIZ. DIRECTIONAL DRILLING @ SANTA ANA RIVER													
1100	5	COMMENCE MAINLINE WORK - Mobilize	1	LS	0.00	0.00					\$ -	NA	\$ -
1120	5	SETUP/INST HDD 20" HDPE; STA. 0+72 - 16+52	1	LS	545,000.00	545,000.00					\$ -	0%	\$ 545,000.00
1125	5	MOVE HDD EQUIPMENT TO SAN TIMOTEO CREEK	1	LS	20,000.00	20,000.00					\$ -	0%	\$ 20,000.00
JACKING & BORING @ W. HOSPITALITY LN & HUNTS LANE													
1400	23	INST TRAFFIC CONTROL	1	LS	20,837.00	20,837.00					\$ -	0%	\$ 20,837.00
1410	12	INSTALL JACKING PIT @ STA. 27+24.58	1	LS	50,000.00	50,000.00					\$ -	0%	\$ 50,000.00
1440	12	SET-UP/ST TNL CASING INST'L; STA. 27+10 - 31+81	1	LS	120,000.00	120,000.00					\$ -	0%	\$ 120,000.00
1442	12	INCL SETTLEMENT MONITORING	1	LS	0.00	0.00					\$ -	NA	\$ -
1420	12	INST RECEIVING PIT; STA. 31+95.88	1	LS	40,000.00	40,000.00					\$ -	0%	\$ 40,000.00
1450	12	INST 20" HDPE PIPE/GROUT TNL ANL SPACE	1	LS	45,000.00	45,000.00					\$ -	0%	\$ 45,000.00
1455	12	REMOVE TNL EQUIPMENT	1	LS	5,000.00	5,000.00					\$ -	0%	\$ 5,000.00
1460	12	BACKFILL PITS / BASE PAVE	1	LS	30,000.00	30,000.00					\$ -	0%	\$ 30,000.00
20" HDPE PIPE INST'N & TESTING @ SAN BERNARDINO													
1200	3	EXCV/SHORE 20" HDPE; STA. 0+11 - 0+72	61	LF	70.23	4,284.00					\$ -	0%	\$ 4,284.00
1210	4	CONN, LAY & FUSE 20" HDPE; STA. 0+11 - 0+72	61	LF	147.54	9,000.00					\$ -	0%	\$ 9,000.00
1220	4	B'FLL/COMP/BSE PVE HDPE PIPE; STA. 0+11 - 0+72	61	LF	25.72	1,569.00					\$ -	0%	\$ 1,569.00

SCHEDULE OF VALUES

CLIENT: Yucaipa Valley Water District
 PROJECT:
 CLIENT SPECIFICATION NUMBER:
 WAR PROJECT NUMBER: 11PC-012

APPLICATION NUMBER:
 DATE:
 FROM:
 TO:

A	B				C	D		E	F	G	H	I
ITEM NO.	Bid Item	DESCRIPTION OF ITEM	APPROX QTY	UNIT	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G/C)	BALANCE TO FINISH (C-G)
							DOLLARS FROM PREVIOUS APPLICATION	QTY-PER-UNIT THIS PERIOD				
1230	23	INST TRAFFIC CONTROL @ STA. 16+52	1	LS	20,833.00	20,833.00				\$ -	0%	\$ 20,833.00
1240	3	EXCV/SHORE 20" HDPE; STA. 16+52 - 27+10	1,058	LF	62.08	65,684.00				\$ -	0%	\$ 65,684.00
1250	4	LAY & FUSE 20" HDPE PIPE; STA. 16+52 - 27+10	1,058	LF	111.83	118,320.00				\$ -	0%	\$ 118,320.00
1260	18	B'FILL/COMP/BSE PVE HDPE PIPE; STA. 16+52 - 27+10	1,058	LF	25.27	26,735.00				\$ -	0%	\$ 26,735.00
1270	4	COMP WORK IN SB CO PTY NLT 1/13/12			0.00	0.00				\$ -	NA	\$ -
INST'N OF APPURTENANCES												
1300	14	INSTL MH @ STA. 0+71.81	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
1305	14	INSTL MH @ STA. 16+58	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
1310	14	INSTL MH @ STA. 21+09	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
1320	15	INSTL 4" AIR VALVE @ STA. 24+96	1	EA	14,500.00	14,500.00				\$ -	0%	\$ 14,500.00
1330	16	INSTL 6" DRAIN @ STA. 25+76	1	EA	11,500.00	11,500.00				\$ -	0%	\$ 11,500.00
JACKING & BORING - CAL TRANS ROW ON HUNTS LN												
1470	23	INST TRAFFIC CONTROL	1	LS	20,833.00	20,833.00				\$ -	0%	\$ 20,833.00
1520		CALTRANS ROW PERMIT REG'D	1	LS	0.00	0.00				\$ -	NA	\$ -
1530	11	INST JACKING PIT @ STA. 100+05 [CT ROW]	1	LS	50,000.00	50,000.00				\$ -	0%	\$ 50,000.00
1535	11	INST REC'G PIT @ STA. 104+69 [CT ROW]	1	LS	40,000.00	40,000.00				\$ -	0%	\$ 40,000.00
1540	11	SET-UP/INST TNL CASING; STA. 100+05 - 104+69	1	LS	130,000.00	130,000.00				\$ -	0%	\$ 130,000.00
1542		INCL SETTLEMENT MONITORING	1	LS	0.00	0.00				\$ -	NA	\$ -
1545	11	REMOVE TUNNEL EQUIPMENT	1	LS	5,000.00	5,000.00				\$ -	0%	\$ 5,000.00
1550	11	INST 20" HDPE PIPE/GROUT TNL ANL SPACE	1	LS	35,000.00	35,000.00				\$ -	0%	\$ 35,000.00
1560	11	BACKFILL PITS & BASE PAVE [CT ROW]	1	LS	30,000.00	30,000.00				\$ -	0%	\$ 30,000.00
20" HDPE PIPE INST'N & TESTING IN CITY OF SB												
1600	23	INST TRAFFIC CONTROL	1	LS	20,833.00	20,833.00				\$ -	0%	\$ 20,833.00
1610	3	EXCV/SHORE 20" HDPE; STA. 31+81 - 36+38	457	LF	62.49	28,558.00				\$ -	0%	\$ 28,558.00
1620	4	LAY & FUSE 20" HDPE PIPE; STA. 31+81 - 36+38	457	LF	112.57	51,444.00				\$ -	0%	\$ 51,444.00
1630	18	B'FILL/COMP/BSE PVE HDPE PIPE; STA. 31+81 - 36+38	457	LF	25.44	11,624.00				\$ -	0%	\$ 11,624.00
1700	23	INST TRAFFIC CONTROL	1	LS	20,833.00	20,833.00				\$ -	0%	\$ 20,833.00
1640	31	TEST 20" HDPE PIPE; STA. 16+52 - 36+38	1	LS	4,038.00	4,038.00				\$ -	0%	\$ 4,038.00
1710	4	EXCV/SHORE 20" HDPE; STA. 40+84 - 60+00	1,916	LF	61.86	118,516.00				\$ -	0%	\$ 118,516.00
1720	4	LAY & FUSE 20" HDPE PIPE; STA. 40+84 - 60+00	1,916	LF	112.77	216,063.00				\$ -	0%	\$ 216,063.00
1730	19	B'FILL/COMP/BSE PVE HDPE PIPE; STA. 40+84 - 60+00	1,916	LF	25.48	48,820.00				\$ -	0%	\$ 48,820.00
1740	31	TEST 20" HDPE PIPE; STA. 40+84 - 60+00	1	LS	4,038.00	4,038.00				\$ -	0%	\$ 4,038.00
8020	20	REMOVE AND DISPOSE OF 15" THICK CONCRETE BLANK.	1,022	lf	50.00	51,100.00				\$ -	0%	\$ 51,100.00
1750	4	EXCV SHORE 20" HDPE LINE; STA. 60+00 - 80+00	2,000	LF	62.11	124,228.00				\$ -	0%	\$ 124,228.00
1760	4	LAY & FUSE 20" HDPE PIPE; STA. 60+00 - 80+00	2,000	LF	112.53	225,066.00				\$ -	0%	\$ 225,066.00
1770	18	B'FILL/COM/BSE PVE 20" HDPE; STA. 60+00 - 80+00	2,000	LF	25.00	50,000.00				\$ -	0%	\$ 50,000.00
1780	31	TEST 20" HDPE LINE; STA. 60+00 - 80+00	1	LS	4,038.00	4,038.00				\$ -	0%	\$ 4,038.00
1800	4	EXCV/SHORE 20" HDPE PIPE; STA. 80+00 - 93+50	1,350	LF	61.35	82,818.00				\$ -	0%	\$ 82,818.00
1810	4	LAY & FUSE 20" HDPE PIPE; STA. 80+00 - 93+50	1,350	LF	112.41	151,759.00				\$ -	0%	\$ 151,759.00

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ITEM NO.	Bid Item	DESCRIPTION OF ITEM	APPROX QTY	UNIT	UNIT PRICE	SCHEDULED VALUE	D		E	F	G	H	I
							WORK COMPLETED			MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G/C)	BALANCE TO FINISH (C-G)
							DOLLARS FROM PREVIOUS APPLICATION	QTY-PER-UNIT THIS PERIOD	DOLLARS THIS PERIOD				
1820	19	B'FILL/COMP/BSE PVE HDPE; STA. 80+00 - 93+50	1,350	LF	25.40	34,290.00					\$ -	0%	\$ 34,290.00
INST'N OF APPURTENANCES													
1830	14	INSTL MH @ STA. 31+87	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
1840	15	INSTL 4" AIR VALVE @ STA. 35+22	1	EA	14,500.00	14,500.00					\$ -	0%	\$ 14,500.00
1850	16	INSTL 6" DRAIN @ STA. 36+21	1	EA	11,500.00	11,500.00					\$ -	0%	\$ 11,500.00
1860	14	INSTL MH @ STA. 42+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
1870	14	INSTL MH @ STA. 51+45	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
1880	14	INSTL MH @ STA. 58+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
2100	15	INSTL 4" AIR VALVE @ STA. 71+45	1	EA	14,500.00	14,500.00					\$ -	0%	\$ 14,500.00
1890	14	INSTL MH @ STA. 67+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
2110	14	INSTL MH @ STA. 77+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
2120	14	INSTL MH @ STA. 85+80	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
GRIND & CAP													
1790	33	GRIND & CAP; STA. 16+52 - 60+00 [AS APPL.]	4,348	LF	6.90	30,000.00					\$ -	0%	\$ 30,000.00
1795	33	GRND @ CAP; STA. 60+00 - 93+50	3,350	LF	13.83	46,339.00					\$ -	0%	\$ 46,339.00
HORIZ. DIRECTIONAL DRILLING @ SAN TIMOTEO CREEK													
1100		COMMENCE MAINLINE WORK - Mobilize	1	LS	0.00	0.00					\$ -	NA	\$ -
1150	6	SETUP/INST 20" HDD; STA. 262+10 - 269+38 [SOUTH]	1	LS	245,000.00	245,000.00					\$ -	0%	\$ 245,000.00
1160	6	REMOVE HDD EQUIP FROM PROJECT	1	LS	20,000.00	20,000.00					\$ -	0%	\$ 20,000.00
1165		HDD SUB DEMOB FROM PROJECT COMPLETE	1	LS	0.00	0.00					\$ -	NA	\$ -
JACKING & BORING @ GAGE CANAL													
1900	23	INSTALL TRAFFIC CONTROL @ GAGE CANAL	1	LS	20,833.00	20,833.00					\$ -	0%	\$ 20,833.00
1910	9	INSTALL JACKING PIT @ GAGE CANAL	1	LS	30,000.00	30,000.00					\$ -	0%	\$ 30,000.00
1920	9	INSTALL REC'G PIT @ GAGE CANAL	1	LS	15,000.00	15,000.00					\$ -	0%	\$ 15,000.00
1930	9	JACK & BORE CASING @ GAGE CNL; STA. 97+75 - 96+55	1	LS	38,000.00	38,000.00					\$ -	0%	\$ 38,000.00
1932		INCL. SETTLEMENT MONITORING	1	LS	0.00	0.00					\$ -	NA	\$ -
1935	9	REMOVE TNL EQUIPMENT	1	LS	5,000.00	5,000.00					\$ -	0%	\$ 5,000.00
1940	9	INST 20" HDPE PIPE; SLURRY ANL SPACE	1	LS	10,000.00	10,000.00					\$ -	0%	\$ 10,000.00
1950	9	Backfill Pits and Base Pave	1	LS	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
JACKING & BORING @ ORANGE GROVE STREET AND VAN LEUVEN													
1960	23	INSTALL TRAFFIC CONTROL; STA. 144+89 - 146+05	1	LS	20,833.00	20,833.00					\$ -	0%	\$ 20,833.00
1965	13	INSTALL JACKING PIT @ ORANGE GROVE	1	LS	35,000.00	35,000.00					\$ -	0%	\$ 35,000.00
1975	13	JACK BORE CASING STA. 144+89 - 146+05	1	LS	38,000.00	38,000.00					\$ -	0%	\$ 38,000.00
1980	13	INST 20" HDPE PIPE; SLURRY ANL SPACE	1	LS	22,000.00	22,000.00					\$ -	0%	\$ 22,000.00
1982		INCL SETTLEMENT MONITORING	1	LS	0.00	0.00					\$ -	NA	\$ -
1985	13	REMOVE TNL EQUIPMENT	1	LS	5,000.00	5,000.00					\$ -	0%	\$ 5,000.00
1970	13	INSTALL REC'G PIT @ STA. 146+05	1	LS	20,000.00	20,000.00					\$ -	0%	\$ 20,000.00

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1990	13	BACKFILL PITS/BASE PAVE	1	LS	20,000.00	20,000.00			\$ -	0%	\$ 20,000.00
JACKING & BORING @ SAN TIMOTEO CREEK											
2000	23	INSTALL TRAFFIC CONTROL; STA. 174+10 - 175+55	1	LS	20,833.00	20,833.00			\$ -	0%	\$ 20,833.00
2010	10	INSTALL JACKING PIT @ SAN TIMOTEO	1	LS	45,000.00	45,000.00			\$ -	0%	\$ 45,000.00
2015	10	INST REC PIT @ STA 175+55	1	LS	35,000.00	35,000.00			\$ -	0%	\$ 35,000.00
2020	10	SETUP/JACK & BORE CASING; STA. 174+10 - 175+55	1	LS	60,000.00	60,000.00			\$ -	0%	\$ 60,000.00
2022		INCL. SETTLEMENT MONITORING	1	LS	0.00	0.00			\$ -	NA	\$ -
2025	10	REMOVE TNL EQUIPMENT	1	LS	5,000.00	5,000.00			\$ -	0%	\$ 5,000.00
2030	10	INSTALL 20" HDPE PIPE; GROUT ANL SPACE	1	LS	17,000.00	17,000.00			\$ -	0%	\$ 17,000.00
2040	10	BACKFILL PITS / BASE PAVE	1	LS	28,000.00	28,000.00			\$ -	0%	\$ 28,000.00
JACKING & BORING @ CALIFORNIA AND BARTON											
2050	23	INSTALL TRAFFIC CONTROL; STA. 262+04 - 257+20	1	LS	20,833.00	20,833.00			\$ -	0%	\$ 20,833.00
2060	8	INSTALL JACKING PIT @ STA. 262+04	1	LS	50,000.00	50,000.00			\$ -	0%	\$ 50,000.00
2065	8	INSTALL REC'G PIT @ STA. 257+50	1	LS	34,000.00	34,000.00			\$ -	0%	\$ 34,000.00
2070	8	SETUP/JACK & BORE CASING; 261+75 - 257+50	1	LS	113,131.00	113,131.00			\$ -	0%	\$ 113,131.00
2072		INCL. SETTLEMENT MONITORING	1	LS	0.00	0.00			\$ -	NA	\$ -
2075	8	REMOVE TNL EQUIPMENT / DEMOB	1	LS	5,000.00	5,000.00			\$ -	0%	\$ 5,000.00
2080	8	INSTALL 20" HDPE PIPE/GROUT ANL SPACE	1	LS	25,000.00	25,000.00			\$ -	0%	\$ 25,000.00
2090	8	BACKFILL PIT / BASE PAVE @ STA. 257+50 ONLY	1	LS	17,869.00	17,869.00			\$ -	0%	\$ 17,869.00
20" HDPE PIPE INST'N & TESTING											
2300	3	EXCV/SHORE 20" HDPE PIPE; STA. 93+50 - 96+55	305	LF	60.86	18,563.00			\$ -	0%	\$ 18,563.00
2310	4	LAY & FUSE 20" HDPE; STA. 93+50 - 96+55	305	LF	109.63	33,438.00			\$ -	0%	\$ 33,438.00
2320	4	B'FILL/COMP/BSE PVE 20" HDPE; STA. 93+50 - 96+55	305	LF	24.77	7,555.00			\$ -	0%	\$ 7,555.00
2330	31	TEST 20" HDPE LINE; STA. 80+00 - 96+55	1	LS	4,038.00	4,038.00			\$ -	0%	\$ 4,038.00
2340		JUMP TO SOUTH END OF PROJECT (SAN TIMOTEO CRK)			0.00	0.00			\$ -	NA	\$ -
2350	3	EXCV/SHORE 20" HDPE PIPE; STA. 270+82 - 269+33	149	LF	47.92	7,140.00			\$ -	0%	\$ 7,140.00
2360	4	LAY & FUSE 20" HDPE PIPE; STA. 270+82 - 269+33	149	LF	86.32	12,861.00			\$ -	0%	\$ 12,861.00
2440	3	EXCV/SHORE 20" HDPE PIPE; STA. 262+16 - 261+75	41	LF	69.66	2,856.00			\$ -	0%	\$ 2,856.00
2385	4	LAY/FUSE 20" HDPE; STA. 262+16 - 261+75 [GAP]	41	LF	167.56	6,870.00			\$ -	0%	\$ 6,870.00
2370	4	B'FILL/COM 20" HDPE; STA. 270+82 - 269+33	149	LF	19.50	2,906.00			\$ -	0%	\$ 2,906.00
2390	4	B'FILL/COMP/BSE PVE @ STA. 262+16 - 261+75	41	LF	62.49	2,562.00			\$ -	0%	\$ 2,562.00
2400	4	EXCV/SHORE 20" HDPE PIPE; STA. 257+50 - 237+50	2,000	LF	62.11	124,228.00			\$ -	0%	\$ 124,228.00
2380	31	TEST 20" HDPE LINE; STA. 270+82 - 257+50	1	LS	4,038.00	4,038.00			\$ -	0%	\$ 4,038.00
2410	4	LAY & FUSE 20" HDPE PIPE; STA. 257+50 - 237+50	2,000	LF	112.53	225,066.00			\$ -	0%	\$ 225,066.00
2420	19	B'FILL/COMP/BSE PVE HDPE; STA. 257+50 - 237+50	2,000	LF	25.00	50,000.00			\$ -	0%	\$ 50,000.00
2430	31	TEST 20" HDPE PIPE; STA. 257+50 - 237+50	1	LS	4,039.00	4,039.00			\$ -	0%	\$ 4,039.00
2450	4	EXCV/SHORE 20" HDPE PIPE; STA. 237+50 - 215+00	2,250	LF	61.30	137,929.00			\$ -	0%	\$ 137,929.00
2460	4	LAY & FUSE 20" HDPE PIPE; STA. 237+50 - 215+00	2,250	LF	111.40	250,646.00			\$ -	0%	\$ 250,646.00
2470	19	B'FILL/COMP/BSE PVE HDPE; STA. 237+50 - 215+00	2,250	LF	24.37	54,829.00			\$ -	0%	\$ 54,829.00

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							DOLLARS FROM PREVIOUS APPLICATION	QTY-PER-UNIT THIS PERIOD				
2480	31	TEST 20" HDPE PIPE; STA. 237+50 - 215+00	1	LS	4,039.00	4,039.00				\$ -	0%	\$ 4,039.00
INST'N OF APPURTENANCES												
2500	15	INSTL 4" AIR VALVE @ STA. 96+45	1	EA	14,500.00	14,500.00				\$ -	0%	\$ 14,500.00
2510	14	INSTL MH @ STA. 96+55	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2520	15	INSTL 4" AIR VALVE @ STA. 269+70	1	EA	0.00	0.00				\$ -	NA	\$ -
2525	14	INSTL MH @ STA. 269+49	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2530	15	INSTL 4" AIR VALVE @ STA. 262+04	1	EA	0.00	0.00				\$ -	NA	\$ -
2535	14	INSTL MH @ STA. 262+12	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2540	14	INSTL MH @ STA. 256+75	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2550	14	INSTL MH @ STA. 246+70	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2560	15	INSTL 4" AIR VALVE @ STA. 237+50	1	EA	0.00	0.00				\$ -	NA	\$ -
2565	14	INSTL MH @ STA. 235+90	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2570	14	INSTL MH @ STA. 226+75	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
2580	14	INSTL MH @ STA. 216+45	1	EA	12,000.00	12,000.00				\$ -	0%	\$ 12,000.00
SLURRY SEAL												
2610	34	SLURRY SEAL @ VAN LEUVEN	1	LS	24,034.00	24,034.00				\$ -	0%	\$ 24,034.00
PROJECT COMPLETION												
2920	2	PROJECT PUNCHLIST / CLOSEOUT / WAR DEMOB	1	LS	20,000.00	20,000.00				\$ -	0%	\$ 20,000.00
2930		PROJECT INCLEMENT WEATHER ALLOWANCE [BANK]			0.00	0.00				\$ -	NA	\$ -
2940		PROJECT COMPLETION M/S			0.00	0.00				\$ -	NA	\$ -
METER MH / FLOW METER STR / ELECTRICAL												
5900	7	START WORK - METERING STRUCT. @ ~ STA. 0+48	1	LS	0.00	0.00				\$ -	NA	\$ -
5910	7	SET-UP / INST METERING PEDESTALS	1	LS	5,000.00	5,000.00				\$ -	0%	\$ 5,000.00
5920	7	INSTL METERING MH'S (2) & APPURT. (INCL VENTS)	1	LS	38,000.00	38,000.00				\$ -	0%	\$ 38,000.00
5930	7	BACKFILL/COMPACT AT METER MH'S	1	LS	17,350.00	17,350.00				\$ -	0%	\$ 17,350.00
5940	7	TRENCH/INST'L ELECT D/B BET. MET MH / FLOW MTR	1	LS	7,500.00	7,500.00				\$ -	0%	\$ 7,500.00
5950	7	INSTL ELECTRICAL @ METER/FLOW METER STR & ENCLS.	1	LS	62,150.00	62,150.00				\$ -	0%	\$ 62,150.00
20" HDPE PIPE INST'N & TESTING												
5000		COMMENCE WORK / CREW #2			0.00	0.00				\$ -	NA	\$ -
5100	4	EXCV/SHORE 20" HDPE PIPE; STA. 97+75 - 116+50	1,875	LF	62.45	117,088.00				\$ -	0%	\$ 117,088.00
5120	4	LAY & FUSE 20" HDPE LINE; STA. 97+75 - 116+50	1,875	LF	113.86	213,493.00				\$ -	0%	\$ 213,493.00
5130	19	B/FILL & COMPACT 20" HDPE; STA. 97+75 - 116+50	1,875	LF	25.73	48,239.00				\$ -	0%	\$ 48,239.00
5140	31	TEST 20" HDPE LINE; STA. 96+55 - 116+50	1	LS	4,038.00	4,038.00				\$ -	0%	\$ 4,038.00
5150	4	EXCV/SHORE 20" HDPE PIPE; STA. 116+50 - 136+50	2,000	LF	62.11	124,228.00				\$ -	0%	\$ 124,228.00
5160	4	LAY & FUSE 20" HDPE; STA. 116+50 - 136+50	2,000	LF	112.53	225,066.00				\$ -	0%	\$ 225,066.00
5170	19	B/FIL & COMPACT 20" HDPE; STA. 116+50 - 136+50	2,000	LF	25.00	50,000.00				\$ -	0%	\$ 50,000.00
5205	23	INST TRAFFIC CONTROL @ VAN LEUVEN ST	1	LS	20,833.00	20,833.00				\$ -	0%	\$ 20,833.00

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							DOLLARS FROM PREVIOUS APPLICATION	QTY-PER-UNIT THIS PERIOD	DOLLARS THIS PERIOD					
5180	31	TEST 20" HDPE PIPE; STA. 116+50 - 136+50	1	LS	4,039.00	4,039.00					\$ -	0%	\$ 4,039.00	
5200	4	EXCV/ShORE 20" HDPE PIPE; STA. 136+50 - 145+12	862	LF	66.26	57,116.00					\$ -	0%	\$ 57,116.00	
5210	4	LAY & FUSE 20" HDPE LINE; STA. 136+50 - 145+12	862	LF	119.36	102,887.00					\$ -	0%	\$ 102,887.00	
5220	4	B'FILL/COMP/BASE PVE HDPE; STA. 136+50 - 145+12	862	LF	26.97	23,248.00					\$ -	0%	\$ 23,248.00	
5230	23	INSTALL TRAFFIC CONTROL @ STA. 146+91 [ROLLING]	1	LS	20,833.00	20,833.00					\$ -	0%	\$ 20,833.00	
5240	4	EXCV/ShORE 20" HDPE PIPE; STA. 146+91 - 157+00	1,009	LF	62.27	62,828.00					\$ -	0%	\$ 62,828.00	
5250	4	LAY & FUSE 20" HDPE LINE; STA. 146+91 - 157+00	1,009	LF	112.17	113,176.00					\$ -	0%	\$ 113,176.00	
5260	4	B'FILL/COMP/BASE PVE HDPE; STA. 146+91 - 157+00	1,009	LF	25.34	25,572.00					\$ -	0%	\$ 25,572.00	
5270	31	TEST 20" HDPE LINE; STA. 146+91 - 157+00	1	LS	4,039.00	4,039.00					\$ -	0%	\$ 4,039.00	
5300	4	EXCV/ShORE 20" HDPE PIPE; STA. 157+00 - 174+10	1,710	LF	61.79	105,665.00					\$ -	0%	\$ 105,665.00	
5310	4	LAY & FUSE 20" HDPE LINE; STA. 157+00 - 174+10	1,710	LF	112.82	192,914.00					\$ -	0%	\$ 192,914.00	
5320	4	B'FILL/COMP/BASE PVE HDPE; STA. 157+00 - 174+10	1,710	LF	25.49	43,589.00					\$ -	0%	\$ 43,589.00	
5330	31	TEST 20" HDPE LINE; STA. 157+00 - 174+10	1	LS	4,039.00	4,039.00					\$ -	0%	\$ 4,039.00	
5340	23	INSTALL TRAFFIC CONTROL @ STA. 175+49 [ROLLING]	1	LS	20,833.00	20,833.00					\$ -	0%	\$ 20,833.00	
5350	4	EXCV/ShORE 20" HDPE PIPE; STA. 175+49 - 194+50	1,901	LF	61.59	117,088.00					\$ -	0%	\$ 117,088.00	
5360	4	LAY & FUSE 20" HDPE LINE; STA. 175+49 - 194+50	1,901	LF	112.30	213,491.00					\$ -	0%	\$ 213,491.00	
5370	4	B'FILL/COMP/BASE PVE HDPE; STA. 175+49 - 194+50	1,901	LF	25.38	48,239.00					\$ -	0%	\$ 48,239.00	
5380	31	TEST 20" HDPE LINE; STA. 175+49 - 194+50	1	LS	4,039.00	4,039.00					\$ -	0%	\$ 4,039.00	
5400	4	EXCV/ShORE HDPE PIPE; STA. 195+00 - 208+00	1,300	LF	61.51	79,963.00					\$ -	0%	\$ 79,963.00	
5410	4	LAY & FUSE 20" HDPE PIPE; STA. 195+00 - 208+00	1,300	LF	112.78	146,614.00					\$ -	0%	\$ 146,614.00	
5420	4	B'FILL/COMP/BASE PVE HDPE; STA. 195+00 - 208+00	1,300	LF	23.69	30,803.00					\$ -	0%	\$ 30,803.00	
5500	4	EXCV/ShORE 20" HDPE PIPE; STA. 209+00 - 215+00	600	LF	61.88	37,125.00					\$ -	0%	\$ 37,125.00	
5520	4	LAY & FUSE 20" HDPE PIPE; STA. 209+00 - 215+00	600	LF	111.46	66,877.00					\$ -	0%	\$ 66,877.00	
5530	4	B'FILL/COMP/BASE PVE HDPE; STA. 209+00 - 215+00	600	LF	25.19	15,111.00					\$ -	0%	\$ 15,111.00	
5540	31	TEST 20" HDPE PIPE; STA. 195+00 - 215+00	1	LS	4,038.00	4,038.00					\$ -	0%	\$ 4,038.00	
INST'N OF APPURTENANCES														
5600	14	INSTL MH @ STA. 103+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5620	15	INSTL 4" AIR VALVE @ STA. 113+10	1	EA	14,500.00	14,500.00					\$ -	0%	\$ 14,500.00	
5630	14	INSTL MH @ STA. 113+26	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5640	14	INSTL MH @ STA. 123+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5650	14	INSTL MH @ STA. 133+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5660	15	INSTL 4" AIR VALVE @ STA. 137+50	1	EA	14,500.00	14,500.00					\$ -	0%	\$ 14,500.00	
5670	14	INSTL MH @ STA. 144+89	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5680	14	INSTL MH @ STA. 153+95	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5690	14	INSTL MH @ STA. 164+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5700	15	INSTL 4" AIR VALVE @ STA. 172+76	1	EA	14,500.00	14,500.00					\$ -	0%	\$ 14,500.00	
5710	16	INSTL 6" DRAIN LINE @ STA. 175+60	1	EA	11,500.00	11,500.00					\$ -	0%	\$ 11,500.00	
5730	14	INSTL MH @ STA. 177+50	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5740	14	INSTL MH @ STA. 187+90	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5750	14	INSTL MH @ STA. 198+00	1	EA	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00	
5760	15	INSTL 4" AIR VALVE @ STA. 212+31	1	EA	14,500.00	14,500.00					\$ -	0%	\$ 14,500.00	

SCHEDULE OF VALUES

CLIENT: Yucaipa Valley Water District
 PROJECT:
 CLIENT SPECIFICATION NUMBER:
 WAR PROJECT NUMBER: 11PC-012

APPLICATION NUMBER:
 DATE:
 FROM:
 TO:

A	B					C	D		E	F	G	H	I
ITEM NO.	Bid Item	DESCRIPTION OF ITEM	APPROX QTY	UNIT	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED		DOLLARS THIS PERIOD	MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G/C)	BALANCE TO FINISH (C-G)
							DOLLARS FROM PREVIOUS APPLICATION	QTY-PER-UNIT THIS PERIOD					
5770	16	INSTL 6" DRAIN @ STA. 213+27	1	EA	0.00	0.00					\$ -	NA	\$ -
GRIND & CAP													
5780		GRIND & CAP; STA. 97+75 - 145+12(Dirt)			0.00	0.00					\$ -	NA	\$ -
5790	32	GRIND & CAP; STA. 145+12 - 194+50	4,938	LF	13.30	65,687.00					\$ -	0%	\$ 65,687.00
5795	32	GRIND & CAP; STA. 194+50 - 215+00	2,050	LF	13.29	27,246.00					\$ -	0%	\$ 27,246.00
2600	32	GRIND & CAP; STA. 237+50 - 215+00	2,250	LF	13.27	29,847.00					\$ -	0%	\$ 29,847.00
20" HDPE PIPE INST'N & TESTING													
5450	3	EXCV/SHORE HDPE PIPE; CONN TO MTN VIEW PPL	1	LS	12,000.00	12,000.00					\$ -	0%	\$ 12,000.00
5460	4	LAY & FUSE HDPE/CONN @ MTN VIEW POWER PLANT	1	LS	8,500.00	8,500.00					\$ -	0%	\$ 8,500.00
5470	4	B/FILL/COM/BASE PVE @ MTN VIEW POWER PLANT	1	LS	5,500.00	5,500.00					\$ -	0%	\$ 5,500.00
5480	4	RESTORE IN KIND @ MTN VIEW POWER PLANT	1	LS	8,000.00	8,000.00					\$ -	0%	\$ 8,000.00
INST'N OF APPURTENANCES													
5430	17	INSTL TRANSITION MH @ STA. 208+16	1	LS	65,000.00	65,000.00					\$ -	0%	\$ 65,000.00
OWNER DIRECTED ITEMS													
8030	21	INSTALL GEOTEXTILE FABRIC WRAPAS DIRECTED	1,000	LF	10.00	10,000.00					\$ -	0%	\$ 10,000.00
8040	22	OWNER DIRECTED DEMOB/MOB	4	EA	4,000.00	16,000.00					\$ -	0%	\$ 16,000.00
8050	24	OVER EXCAVATION TO ACHIEVE FIRM TRENCH BOT.	1,000	LF	5.00	5,000.00					\$ -	0%	\$ 5,000.00
8060	25	INSTALLATION OF PIPELINE AT FLOWLINE 1.1 -2.0	2,000	LF	10.00	20,000.00					\$ -	0%	\$ 20,000.00
8070	26	INSTALLATION OF PIPELINE AT FLOWLINE 1.1 -2.0	500	LF	15.00	7,500.00					\$ -	0%	\$ 7,500.00
8080	27	RELOCATION OF EXISTING SEWER LATERALS	40	EA	1,300.00	52,000.00					\$ -	0%	\$ 52,000.00
8090	28	REPLACE CRACKED PAVING ADJACENT TO TRENCH	20,000	SF	4.00	80,000.00					\$ -	0%	\$ 80,000.00
8100	35	FURNISH AND ADDITIONAL 200' OWNER DIRECTED	200	LF	60.00	12,000.00					\$ -	0%	\$ 12,000.00
8110	36	FIELD ORDERS- AS AUTHORIZED BY THE DIST.	1	LS	100,000.00	100,000.00					\$ -	0%	\$ 100,000.00
CONTRACT SUMMARY													
						9,350,000.00	\$ -		\$ -	\$ -	\$ -	0%	\$ 9,350,000.00